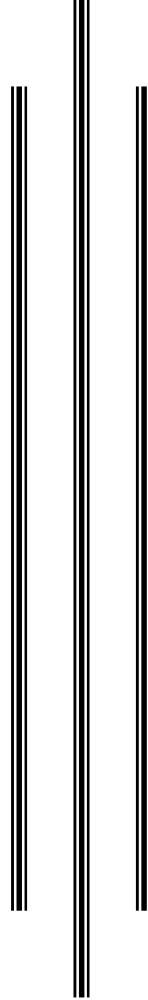


Curriculum
For
Certificate in Acupuncture, Acupressure and
Moxibustion



Council for Technical Education and Vocational Training
Curriculum Development Division

Sanothimi, Bhaktapur.

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Background

Nepal Government has called for the provision of basic health care service for all persons by establishing a network of services in remote villages and urban population centers. The Council for Technical Education and Vocational Training (CTEVT) works toward solutions for Nepal's medical problems by preparing acupuncture, acupressure and Moxibustion workforce, as middle level acupuncture, acupressure and Moxibustion service providers. Successful completion of this course the student qualifies to be a graduate of the profession. The certified Acupuncture, acupressure and Moxibustion technician is then eligible for performing Acupuncture, acupressure and Moxibustion services.

Mission of the Curriculum

To equip the Acupuncture, acupressure and Moxibustion technician with necessary knowledge and skills of the foundation subjects like English, Nepali, Mathematics, Physics, Chemistry, Botany and Zoology and core subjects such as Identification and Collection of Moxa plant, Human Pathology, Basic Theory of Oriental Medicine, Meridian and Acupoints, Methods of Diagnosis in Acupuncture and Moxibustion, Acupressure and Oriental Massage. Acupuncture and Moxibustion Therapeutics, General Medicine, Moxa Collection and Processing, Methods of Acupuncture and Moxibustion, Health Care Systems and Management, Community Medicine, Community Field Practice, Clinical Field Practice . With the help of the sound background knowledge and skills of science, the graduates of this profession will provide the quality health services to the people.

Philosophy

The philosophy of the certificate level in acupuncture, acupressure and Moxibustion course should be based on the development of acupuncture as a profession for fulfilling the health need of the people with its socio-cultural impact on health.

Program description

This course is based on the middle level job required to perform by an acupuncturist at different level health institutions in Nepal and abroad. This course will equip the graduate to perform acupuncture, acupressure and Moxibustion skill with good scientific background knowledge.

Program aim and

This course aims at providing the knowledge and skills in acupuncture, acupressure and moxibustion to the graduates of Acupuncture, Acupressure, and Moxibustion profession at middle level.

After the completion of this course, trainees will able to:

1. Acquire and apply knowledge and skills of acupuncture, acupressure and Moxibustion
2. Apply acupuncture, acupressure and Moxibustion skills in profession.
3. Learn and apply acupuncture, acupressure and Moxibustion skill and provide good services.

Target group

Youth of different economic background, male and female.

Group size

40 people in a theory class and maximum 10 in practical class

Entry criteria

- SLC graduate with minimum 45% score

Medium of instruction

The languages of instruction are: English or Nepali or both

Course duration

The Acupuncture, Acupressure and Moxibustion course extends to over 3 years one academic year 39 weeks.

Pattern of attendance

Minimum of 90% attendance is required to appear in final examination.

Teacher and student ratio

The teacher student ratio is:

- Overall all ratio of teacher and student must be 1:10 (at the institution level)
- Teacher and student ratio for practical demonstration 1:10
- 75% of the teachers must be fulltime.

Program coordinator, teacher and demonstrator

The qualifications of the program coordinator, teacher and demonstration are:

- The program coordinator must be a master degree holder in related field or a bachelor degree holder in related field with minimum 3 years experience in teaching activities
- The teacher must be a bachelor degree holder with minimum 3 years experience in related field.
- The demonstrator must have an intermediate level degree in related field with 2 years experience in teaching activities.
- For basic science subjects the teacher must have a master degree in related subject.

Instructional media and materials

The following instructional media and materials are suggested for the effective instruction and demonstration.

- **Printed Media Materials** (Assignment sheets, Case studies, Handouts, Information sheets, Individual training packets, Procedure sheets, Performance Check lists, Textbooks etc.)
- **Non-projected Media Materials** (Display, Models, Flip chart, Poster, Writing board etc.)
- **Projected Media Materials** (Opaque projections, Overhead transparencies, Slides etc.)
- **Audio-Visual Materials** (Audiotapes, Films, Slide-tape programs, Videodiscs, Videotapes etc.)
- **Computer-Based Instructional Materials**(Computer-based training, Interactive video etc.)

Teaching learning methodology

The methods of teachings in the certificate level Acupuncture, Acupressure and Moxibustion Technician programme will be a combination of several approaches. Such approaches can be Illustrated Lecture, Group Discussion, Demonstration, Simulation, Guided practice, Practical experiences, Fieldwork, oratory, Observation, Hospital visit, Term paper presentation, Case analysis, Tutoring, Role playing, Heuristic and Other Independent learning.

- Theory: Lecture, Discussion, Assignment, Group work
- Practical: Demonstration, observation and Self practice,

Methods of evaluation

a. Internal assessment

There shall be a transparent evaluation system for each subject both in theory and practical.

- Each subject should have internal evaluation at regular intervals of 4 months and students must get the feedback about it.
- Clinical assessment format must be used by the teachers for evaluating student's performance in each subject of clinical experience.
- The weight of internal evaluation should be 40% in theory and 60 % in practical.
- For each subject 50% of the weight age is allotted to internal assessment & rest of the 50 % to the final examination.

b. Final examination

- The weight age of final examination should be 60% in theory & 40% in practical.
- The minimum pass mark for theory course is 40% and 60% for practical course.
- Students must pass in all subjects to qualify for the certificate. If student fails in any subject there will be provision for re-examination according to CTEVT policy.
- CTEVT allows the student, to appear in the final examination, who has passed theory and practical internal assessment.

c. Requirement for final practical examination:

- There must be a provision for administering practical examination by qualified related subject experts.
- One examiner can examine not more than 20 students per day for their practical skill.
- Practical examination should be administered in actual situation on relevant subject.
- There should be an external examiner in the final Examination.

Pass marks

The pass marks for theory and practical examinations are:

- 40% in theory examination
- 60% in practical examination

Grading system

The following grading system will be adopted:

- Pass division: Pass aggregate to below 65%
- First division: 65% or above
- Distinction: 80% or above

Entry criteria

The entry criteria are:

- SLC with 45% in aggregate with English, Science and Mathematics as compulsory subjects and as per CTEVT entrance policy.
- Passed entrance examination administered by CTEVT
- Applicant should submit the following documents at the time of application
 - SLC pass certificate
 - Character certificate
 - Citizenship certificate (for the name, parents name, age, date of birth and address verification purpose only)
- Student quota for different category of students as per the policy of CTEVT

Career path

The graduates will be eligible for the position equivalent to Non-gazetted 1st class (related technical subjects, as **Certificate Level in Acupuncture, Acupressure and Moxibustion**" or as prescribed by the Public Service Commission. The graduate is eligible for registration with the Nepal Health Professional Council in the grade as mentioned in the Nepal Health Professional Council Act.

Course structure

First year

S.No.	Subject	Mode		Weekly Hours	Distribution of Marks						Total Marks
		T	P		Theory			Practical			
					Internal	Final	Time (Hrs)	Internal	Final	Time (Hrs)	
1	English	3	-	3	20	80	3	-	-	-	100
2	Nepali	3	-	3	20	80	3	-	-	-	100
3	Social Studies	3	-	3	10	40	3	-	-	-	50
4	Anatomy & Physiology	3	2	5	16	64	3	8	12	3	100
5	Physics	3	1	4	16	64	3	8	12	3	100
6	Chemistry	3	2	5	16	64	3	8	12	3	100
7	Zoology	3	2	5	16	64	3	8	12	3	100
8	Botany	3	1	4	16	64	3	8	12	3	100
9	Mathematics, Statistics & Computer Application	3	2	5	16	64	3	8	12	3	100
	Total	27	10	37	146	584		48	72		850

Course structure of Certificate Level in Acupuncture, Acupressure and Moxibustion

Second year

S.N	Subject	Mode		Hours/ Week	Distribution of Marks						Total Marks
		T	P		Theory			Practical			
					Internal	Final	Time (hrs)	Internal	Final	Time (hrs)	
1	Identification and Collection of Moxa plant	1	1	2	5	20	1.5	10	15	1.5	50
2	Basic Theory of Oriental Medicine	4	0	4	20	80	3	0	0	0	100
3	Meridian and Acupoints	5	3	8	25	100	3	30	45	2	200
4	Methods of Diagnosis in Acupuncture and Moxibustion	3	1	4	15	60	3	10	15	1.5	100
5	Acupressure & Oriental Massage	2	2	4	10	40	2	20	30	2	100
6	Acupuncture and Moxibustion Therapeutics I	5	6	11	25	100	3	60	90	3	275
7	Clinical Pathology	2	1	3	10	40	2	10	15	1.5	75
8	General Medicine	2	2	4	10	40	2	20	30	2	100
Total		24	16	40	120	480		160	240		1000

Third year

S.N	Subject	Mode		Weekly Hours	Distribution of Marks						Total Marks
		T	P		Theory			Practical			
					Internal	Final	Time (Hrs)	Internal	Final	Time (Hrs)	
1	Moxa Collection and Processing	3	1	4	15	60	3	10	15	1.5	100
2	Methods of Acupuncture and Moxibustion	2	6	8	10	40	2	60	90	3	200
3	Acupuncture and Moxibustion Therapeutics II	4	6	10	20	80	3	60	90	3	250
4	Health Care Systems and Management	3	1	4	15	60	3	10	15	1.5	100
5	Community Medicine	3	1	4	15	60	3	10	15	1.5	100
8	Community Field Practice	0	4	4	0	0		40	60		100
9	Clinical Practice	0	6	6	0	0		60	90		150
Total		15	25	40	75	300		250	375		1000

Second Year

Identification & Collection of Moxa Plant

Total Hours: 78 hrs (2 hrs/week)

Theory: 39 hrs (1 hrs/week)

Practical: 39 hrs (1 hrs/week)

Course Description:

This course is designed to provide students the skills and knowledge about identification and collection of Moxa Plants.

Course Objective:

After completion of the course students will be able to;

- Collect moxa
- Transport collected moxa
- Process moxa
- Store moxa

Theory

Unit 1: Identification of moxa

Sub Unit 1: General Identification of Moxa Plant

- Identify the moxa plant
- Familiarize with the morphology of moxa plant
- Point out the botanical name & characteristics of moxa plant.
- Identifies the location of moxa plant

Unit 2: Collect Moxa

Sub Unit 1: Appropriate way of collecting moxa plant

- Explain the reason for collection of moxa plant.
- Describe the appropriate season for collection of moxa plant.
- Identity the parts of the plant to be collected.
- Explain moxa plant and its importance.
- List out the precaution while collecting the moxa plant

Unit 3: Transport collected moxa

Sub Unit 1: Technique and transport collect moxa

- Performs moxa packing
- Manage for transportation of moxa
- Take precaution during packing and transportation of Moxa

Unit 4: Process moxa

Sub Unit 1: Way of processing

- Explain the need of processing plant
- Identify the principle of moxa
- Point out the procedure of processing moxa.
- Take precaution of Moxa
- Perform the importance of product
- List out the precaution should be taken.

Unit 5: Store moxa

Sub Unit 1: Technique of storing moxa

- Describe the need of stroing
- Explain the process of storing
- Point out precaution to be taken.

Identification & Collection of Moxa Plant Practical

Unit 1: Identification of moxa

Sub Unit 1: General Identification of Moxa Plant

- Identify the moxa plant and its morphology, botanical name & characteristics

Unit 2: Collect Moxa

Sub Unit 1: Appropriate way of collecting moxa plant

- Identify the parts of the plant to be collected.
- List out the precaution while collecting the moxa plant

Unit 3: Transport collect moxa

Sub Unit 3: Technique and transport collect moxa

- Performs moxa packing & transportation.
- Take precaution during packing and transportation of Moxa

Unit 4: Process moxa

Sub Unit 1: Way of processing

- Performs moxa processing and precaution during processing

Unit 5: Store moxa

Sub Unit 1: Technique of storing moxa

- Performs storing process & precaution during storing process

Basic Theory of Oriental Medicine

Total Hours: 156 hrs (4 hrs/week)

Theory: 156 hrs (4 hrs/week)

Practical:

Course Description:

This course is designed to provide students about the skills and knowledge of basic theory of oriental medicine.

Course Objective:

After completion of the course students will be able to;

- Explain acupuncture and moxibustion
- Explain yin and yang and five elements
- Explain Zang and fu organs
- Explain Qi blood and body fluid
- Explain pathogenic factors
- Explain pathogenesis

Theory

Unit 1: Acupuncture and Moxibustion

Sub Unit 1: History of acupuncture and Moxibustion

- Explain history of acupuncture and Moxibustion
- Describe academic accomplishment of ancient acupuncture and Moxibustion
- Describe dissemination of acupuncture and Moxibustion

Unit 2: Yin and Yang and five element

Sub Unit 1: Yin and Yang

- Define Yin and Yang
- Describe theory of Yin and Yang in oriental Medicine and its application

Sub Unit: 2 Five elements

- Classify the phenomena according to five elements
- Describe the law of movement of five elements
- Apply the theory of the five elements

Unit 3: Zang & fu organs

Sub Unit 1: Zang Organs

- Identify following organs
 - The heart
 - Pericardium
 - Lung
 - Spleen
 - Liver
 - Kidney
- Explain the pathological Changes of and their relationship
 - The heart
 - Pericardium

- Lung
- Spleen
- Liver
- Kidney

Sub Unit 2: Fu Organs

- Identify these organs
 - Gall Bladder
 - Stomach
 - Small Intestine
 - Large Intestine
 - Urinary Bladder
 - Triple Warmer (sanjiao)
- Explain the physical Function of
 - Gall Bladder
 - Stomach
 - Small Intestine
 - Large Intestine
 - Urinary Bladder
 - Triple Warmer (sanjiao)
- Describe the pathological Changes of and their relationship of
 - Gall Bladder
 - Stomach
 - Small Intestine
 - Large Intestine
 - Urinary Bladder
 - Triple Warmer (sanjiao)

Sub Unit 3: Extra ordinary fu organs

- Describe location, functions & dysfunction of Brain.
- Describe location, function & Dysfunctions of uterus.

Unit 5: Qi Blood & Body Fluid

Sub Unit 1: Classification & Production of Qi

- Classify Qi according to its source, functions & distribution.
- Describe the types of Qi
 - Yuan Qi(primary Qi)
 - Zong Qi (Pectoral Qi)
 - Ying Qi (Nutrient Qi)
 - Wei Qi (Defensive/protective Qi)
- Explain the functions of Qi

Sub Unit 2: Blood and body fluid

- Explain formation and circulation of blood.
- Explain functions of blood.
- Define formation and distribution of body fluid.

Sub Unit 3: The relation between Qi, blood, and body fluid.

- Explain relationship between Qi and blood.

- Explain the relationship between Qi and body fluid.
- Explain the relationship between blood, body, and fluid.

Unit 6: Pathogenic Factors

Sub Unit 1: Six exogenous Factors.

Wind

- Discuss how wind the primary exogenous pathogenic factor to cause disease.
- Explain wind is yang pathogenic factor & characterized by upward & downward dispersion.
- Discuss wind is characterized by rapid change when pathogenic winds produce some disorder.

Cold

- Discuss cold is a Yin pathogenic factor & it consume Yang Qi.

Summer Heat

- Explain summer heat characterized by up ward direction, dispersion & consumption of body fluid & its camanifestiona.
- Explain summer heat is a yang pathogenic factor and its clinical manifestation.
- Explain summer heat characterized by up ward direction, dispersion & consumption of body fluid & its camanifestiona.
- Explain summer heat characterized by high humidity & is cmanifestations.

Damp

- Describe damp heaviness & turbidity & its c/m
- Describe damp it characterized by viscosity & stagnation & its c/m
- Explain damp is characterized by Yin pathogenic factor which damage Yang c/m

Dryness

- Explain Dryness is the predominant or excessive of Autumn Qi & its c/m
- Discuss pathogenic dryness impair the functions of lung & its c/m.

Fire (mild heat & heat)

- Explain fire is a Yang pathogenic factor & its c/m
- Explain how pathogenic fire consumes Yin fluid from body & its c/m.
- Discuss how pathogenic fire stair & up the liver wind & produce disturbance of blood & mention its clinical manifestations.

Sub Unit 2: Epidemic pathogenic factor

- Explain the characteristic and storm pathogenic effect, mode of infection and control measure (Six pathogenic factors).

Sub Unit 3: Relationship between emotion and the viscera

- How the viscera and body mechanism are influenced by emotional factor.
 - Seven emotions
 - Zarf of fu organs

Sub Unit 4: Pathogenic characteristics of seven emotions.

- Discuss how the seven emotional factors influence the human body and how it affects the pathological changes to the body.

Sub Unit 5: Diet, work and rest

- Discuss how the improper diet, unsanitary diet, physical overstrain mental overstrain & excess rest influence the body.

Sub Unit 6: Surgical trauma

- Explain surgical Trauma. (Gun shot wound incision joint dislocation bone fracture injury of major internal organs.)

Sub Unit 7: Retention of phlegm and fluid, blood stasis

- Describe the role of phlegm, fluid & blood stasis result from disturbances of water metabolism & their pathological changes of body.

Sub Unit 8: Pathogenic mechanism

- Explain the onset of disease, mechanism, development and changes of disease.

Sub Unit 9: Deficiency of vital Qi is the internal Basic cause of occurrence of disease.

- Explain how the vital Qi is importance to our body to live healthy.
- Describe the role of pathogenic factor and anti pathogenic Qi.

Unit 7: Pathogenesis

Sub Unit 1: The invasion of pathogenic factor is external cause of the occurrence of disease.

- Discuss how pathogenic factor is harmful to cause external disease.

Sub Unit 2: Basic pathogenesis

- .Discuss basic pathogenesis.
 - Anti pathogenic Qi.
 - Pathogenic Qi.

Sub Unit 3: Conflict between anti pathogenic Qi and pathogenic Qi

- Differentiate the conflict between anti pathogenic Qi and pathogenic Qi.
 - Invasion of pathogenic Qi
 - Excess of syndrome.
 - Deficiency of syndrome.

Sub Unit 4: Disharmony of yin & yang

- Explain disharmony of yin & yang.
 - Heat syndrome.
 - Cold syndrome.

Sub Unit 5: Abnormal ascending & descending of Qi

- Discuss ascending & descending of Qi.
 - Basic formation and transmission of Qi.
 - Pathological state of Zang or fu organs, meridians, yin & yang.

Meridian & Acupoints

Total Hours: 312 hrs (8 hrs/week)

Theory: 195 hrs (5 hrs/week)

Practical: 117 hrs (3 hrs/week)

Course Description:

This course is designed to provide students about the skills and knowledge of meridian and acupoints.

Course Objective:

After completion of the course students will be able to;

- Explain basic concept of meridians and collateral
- Explain function of meridians and collateral
- Explain nomenclatures of meridians and collateral

Theory

Unit 1: The Meridians & Collateral's

Sub Unit 1: Basic concept of the meridians & collators.

- Discuss circulation of Qi & blood, interiorly & exteriorly distribution across the body

Sub Unit 2: Nomenclatures of the meridians collaterals & compositions.

- Discusses nomenclatures of meridians & extra meridians, according to zany & fu, Yin & Yang, had & foot. (Twelve regular meridians eight extra meridians.)

Sub Unit 3: Functions of meridians & collaterals

- Explain transporting Qi & blood regulating Yin & Yang.
- Discuss resisting pathogens & reflecting symptoms and sings.
- Discuss transmitting needling sensation & regulating deficiency & excess conditions.

Sub Unit 4: Distribution of the fourteen meridians.

- Discuss distribution of meridian in the limb.
- Discuss distribution of meridian in the body & trunk.
- Discuss distribution of meridian in the head, neck, and face.

Sub Unit 5: Cyclical flow of Qi in twelve regular meridians

- Explain linkage of meridians pertaining communicating Exterior and interior relation

Unit 2: Twelve regular meridians

Sub Unit 1: Define twelve regular meridians & their types.

- Discuss introduction 12 regular meridians & pathway of meridians.

Unit: 3 Points of lung meridian of hand-taily in

Sub Unit 1: Identification pathway of lung meridian

- Discuss pathway of lung meridians, origin distribution & ending.

Unit 4: Point of large intestine meridian of and Yang Ming

Sub Unit 1: Identification pathway of large intestine meridian

- Discuss pathway of L.I. meridians, origin distribution & ending.

Unit 5: Point of Stomach meridian of foot yang Ming

Sub Unit 1: Identification pathway of Stomach meridian

- Discuss pathway of Stomach meridians, origin distribution & ending.

Unit 6: Point of Spleen meridian of foot taiy

Sub Unit: 1 Identification pathway of Spleen meridian

- Discuss pathway of Spleen meridians, origin distribution & ending.

Unit 7: Point of Heart meridian of hand shaoy

Sub Unit 1: Identification pathway of heart meridian

- Discuss pathway of Heart meridians, origin distribution & ending.

Unit 8: Point of small intestine meridian of hand tai Yang

Sub Unit 1: Identification pathway of small intestine meridian

- Discuss pathway of small intestine meridian, origin distribution & ending.

Unit 9: Point of Urinary bladder meridian of hand tai Yang

Sub Unit 1: Identification pathway urinary bladder meridian

- Discuss pathway of urinary bladder meridians, origin distribution & ending.

Unit 10: Point of Kidney meridian of foot shao Yin

Sub Unit 1: Identification pathway Kidney meridian

- Discuss pathway of Kidney meridians, origin distribution & ending.

Unit 11: Point of Pericardium meridian of hand tai Yang

Sub Unit 1: Identification pathway pericardium meridian

- Discuss pathway of pericardium meridians, origin distribution & ending.

Unit 12: Point of triple warmer (Sanjiao) meridian of hand shao yang

Sub Unit: 1 Identification pathway triple warmer meridian

- Discuss pathway of triple warmer (Sanjiao) meridians, origin distribution & ending.

Unit 13: Point of Gall bladder meridian of foot shao Yang

Sub Unit 1: Identification pathway Gall bladder meridian

- Discuss pathway Gall bladder meridian, origin distribution & ending.

Unit 14: Point of Liver meridian of foot jue yin

Sub Unit 1: Identification pathway Liver meridian

- Discuss pathway Leaver meridians, origin distribution & ending.

Unit 15: The eight extra meridians

Sub Unit 1: General identification of extra meridians

- Define extra meridians
- List and explain the mention types of extra meridians

Unit 16: The eight DU meridians

Sub Unit 1: Identification of DU meridians

- Discuss pathway of DU meridians, origin, distribution & ending.

Unit 17: The eight Ren meridians

Sub Unit 1: Identification of Ren meridians

- Discuss pathway of Ren meridians, origin, distribution & ending.

Unit 18: The extra ordinary

Sub Unit 1: Identification of Chong meridians,

- Identify the pathway of Chong meridians,

Sub Unit 2: Identification of Dai meridians

- Identify pathway of Dai meridians

Sub Unit 3: Identification of Yang Qiao meridians

- Identify pathway of Yang Qiao meridians,

Sub Unit 4: Identification of Yin Qiao meridians

- Identify pathway of Yin Qiao meridians,

Sub Unit 5: Identification of Yang Wei meridians

- Identify pathway of Yang Wei meridians,

Sub Unit 6: Identification of Yin Wei meridians

- Discuss pathway of Yin Wei meridians,

Unit 19: The Twelve divergent meridian & fifteen collaterals

Sub Unit 1: Identification of Dai meridians

- Identify pathway of divergent confluence (Mutual whneetia)

Unit 20: The first confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Identify pathway of First confluence distribution,

Unit 21: The Second confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Identify. Pathway of second confluence distribution, mutual connection & ending.

Unit 22: The Third confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of third confluence distribution, mutual connection & ending.

Unit 23: The Fourth confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of fourth confluence distribution, mutual connection & ending.

Unit 24: The Fifth confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of fifth confluence distribution, mutual connection & ending.

Unit 25: The Sixth confluence

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of Sixth confluence distribution, mutual connection & ending.

Unit 26: The three Yin collaterals of hand

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of three Yin collaterals of hand confluence distribution, mutual connection & ending.

Unit 27: The three Yang collaterals of hand

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of three Yan collaterals of Foot confluence distribution, mutual connection & ending.

Unit 28: The three Yin collaterals of Foot

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of three Yin collaterals of foot confluence distribution, mutual connection & ending.

Sub Unit 2: identification pathway of twelve divergent meridians & fifteen collaterals

- Discuss pathway of three Yang collaterals of foot confluence distribution, mutual connection & ending.

Unit 29: The three Yang collaterals of hand

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Identify pathway of three Yang collaterals of hand confluence distribution, mutual connection & ending.

Unit 30: The collaterals of Ren & DU meridians & themajor collaterals of spleen

Sub Unit 1: Identification pathway of twelve divergent meridians & fifteen collaterals

- Identify pathway of collaterals of Ren & DU meridians & major collaterals of spleen distribution, connection & ending.

Unit 31: The twelve muscle regions & twelve cutaneous regions

Sub Unit 1: identification pathway of twelve divergent meridians & fifteen collaterals

- Identify pathway of region & cutaneous region, origin, distribution & ending.

Unit 32: Location of Acupoints

Sub Unit 1: Classification & nomenclature of Acupoints.

- Define Acu points.
- Explain classification & nomenclature of acu points (mp, emc, attire).

Sub Unit 2: Proportional measurement

- Discuss proportional measurement of human body. (heads, chest, abdomen, back, lateral side of chest, upper extremities, lower extremities)

Sub Unit 3: Anatomical land marks

- Discuss fixed land marks
- Discuss moving land marks

Sub Unit 4: Finger measurement

- Discuss middle finger measurement & its utility.
- Discuss thumb measurement & its utility.
- Discuss four finger measurements & its utility.

Unit 33: Location of Specific points

Sub Unit 1: Specific points on the limbs

- Discuss five shu points its utility
- Discuss Yuan-primary points & its utility.
- Discuss Luo-connecting points & its utility.
- Discuss XI-cleft points and its utility
- Discuss eight confluent point & its utility.

Sub Unit 2: Specific points on the Head & trunk

- Discuss back shu point & its importance.
- Discuss front mu points & its importance
- Discuss crossing points & its importance.

Unit 34: Therapeutic properties of Acu points

Sub Unit 1: Local & adjacent therapeutic properties of points

- Discuss point on head, face, neck & its indications.
- Discuss points of chest & upper dorsal region and indications.
- Discuss crossinh points on upper abdomen and lower dorsal region and its indication
- Discuss point on upper abdomen and lower lumbosacral region and its indication.

Unit 35: Acu points of DU & Ren meridians & extra ordinary points

Sub Unit 1: Identify the location of the points

- Discuss number of Acu points of DU Ren meridians and extra ordinary point, location, indications, method of puncture regional anatomy, contraindication.

Meridians and acupoints Practical

Unit 1: The Meridian & Collateral's & collators.

Sub Unit 1: Distribution of the fourteen meridians.

- Demonstrate distribution of meridian in the limb, in the body & trunk and in the head, neck, and face.

Sub Unit 2: Cyclical flow of Qi in twelve regular Meridian

- Demonstrate linkage of exterior and interior Meridian

Sub Unit 3: Twelve regular Meridian and their types

- Demonstrate 12 regular Meridian & pathway of meridians.

Unit 2: Twelve regular meridians

Sub Unit 1: Define twelve regular Meridian & their types.

- Demonstrate 12 regular Meridian & pathway of meridians.

Unit 3: Points of lung meridian of hand-tayin

Sub Unit 1: Identification pathway of lung meridian

- Demonstrate pathway of lung meridian origin distribution & ending.

Unit 4: Point of large intestine meridian of hand Yang Ming

Sub Unit: 1 Identification pathway of large intestine meridian

- Demonstrate pathway of L.I. meridian origin distribution & ending.

Unit 5: Point of Stomach meridian of foot yang ming

Sub Unit 1: Identification pathway of Stomach meridian

- Demonstrate pathway of Stomach meridians, origin distribution & ending.

Unit 6: Point of Spleen meridian of foot tayin

Sub Unit 1: Identification pathway of Spleen meridian

- Demonstrate pathway of Spleen meridians, origin distribution & ending.

Unit 7: Point of Heart meridian of hand shaoyin

Sub Unit 1: Identification pathway of heart meridian

- Demonstrate pathway of Heart meridians, origin distribution & ending.

Unit 8: Point of small intestine meridian of hand tai Yang

Sub Unit 1: Identification pathway of small intestine meridian

- Demonstrate pathway of small intestine meridian, origin distribution & ending.

Unit 9: Point of Urinary bladder meridian of hand tai Yang

Sub Unit 1: Identification pathway of urinary bladder meridian

- Demonstrate pathway of urinary bladder meridians, origin distribution & ending.

Unit 10: Point of Kidney meridian of foot shao Yin

Sub Unit 1: Identification pathway of Kidney meridian

- Demonstrate pathway of Kidney meridians, origin distribution & ending.

Unit 11: Point of Pericardium meridian of hand Jueyin

Sub Unit 1: Identification pathway of pericardium meridian

- Demonstrate pathway of pericardium meridians, origin distribution & ending.

Unit 12: Point of triple warmer (Sanjiao) meridian of hand shao yang

Sub Unit 1: Identification pathway of triple warmer meridian

- Demonstrate pathway of triple warmer (Sanjiao) meridians, origin distribution & ending.

Unit 13: Point of Gall bladder meridian of foot shao Yang

Sub Unit 1: Identification pathway of Gall bladder meridian

- Demonstrate pathway of Gall bladder meridian, origin distribution & ending.

Unit 14: Point of Liver meridian of foot jue yin

Sub Unit 1: Identification pathway of Liver meridian

- Demonstrate pathway of Liver meridians, origin distribution & ending.

Unit 15: The DU Meridian

Sub Unit 1: Identification of DU meridians

- Demonstrate pathway of DU meridians, origin, distribution & ending.

Unit 16: The Ren meridian

Sub Unit 1: Identification of Ren Meridian

- Demonstrate pathway of Ren meridians, origin, distribution & ending.

Unit 17: The extra ordinary meridian

Sub Unit 1: Identification of Chong meridians,

- Demonstrate pathway of Chong meridians, origin, distribution & ending.

Sub Unit 2: Identification of Dai Meridian

- Demonstrate pathway of Dai meridians, origin, distribution & ending.

Sub Unit 3: Identification of Yang Qiao meridians

- Demonstrate pathway of Yang Qiao meridians, origin, distribution & ending.

Sub Unit 4: Identification of Yin Qiao Meridian

- Demonstrate pathway of Yin Qiao meridians, origin, distribution & ending.

Sub Unit 5: Identification of Yang Wei Meridian

- Demonstrate pathway of Yang Wei meridians, origin, distribution & ending.

Sub Unit 6: Identification of Yin Wei Meridian

- Demonstrate pathway of Yin Wei meridians, origin, distribution & ending.

Unit 18: The Twelve divergent meridian & fifteen collaterals

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of twelve divergent Meridian & fifteen collaterals

Unit 19: The first confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of First confluence distribution, mutual connection & ending.

Unit 20: The Second confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of Second confluence distribution, mutual connection & ending.

Unit 21: The Third confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of Third confluence distribution, mutual connection & ending.

Unit 22: The Fourth confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of fourth confluence distribution, mutual connection & ending.

Unit 23: The Fifth confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of Fifth confluence distribution, mutual connection & ending.

Unit 24: The Sixth confluence

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of Sixth confluence distribution, mutual connection & ending.

Unit 25: The three Yin collaterals of hand

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of three Yin collaterals of hand distribution, mutual connection & ending.

Unit: 26 The three Yang collaterals of hand

Sub Unit 1: identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of three Yang collaterals of hand distribution, mutual connection & ending.

Unit 27: The three Yin collaterals of Foot

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of three Yin collaterals of foot distribution, mutual connection & ending.

Sub Unit 2: identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of three Yang collaterals of confluence distribution, mutual connection & ending.

Unit 28: The collaterals of Ren & DU Meridian & themajor collaterals of spleen

Sub Unit 1: Identification pathway of twelve divergent Meridian & fifteen collaterals

- Demonstrate pathway of collaterals of Ren & DU Meridian &major collaterals of spleen distribution, connection & ending.

Unit 29: The twelve muscle regions & twelve cutaneous regions

Sub Unit 1: identification pathway of twelve muscle region and twelve cutaneocy religion

- Demonstrate pathway of twelve muscle region & cutaneous region, origin, distribution & ending.

Unit: 30 Location of Acupoints

Sub Unit 1: Proportional measurement

- Measure the proportional measurement of human body (heads, chest, abdomen, back, lateral side of chest, upper extremities, lower, extremities.)

Sub Unit 2: Finger measurement

- Measure middle finger measurement & its conversion in metric system.
- Measure thumb measurement & its conversion in metric system.
- Measure four finger measurement & its conversion in metric system.

Unit 31: Location of Specific points

Sub Unit 1: Specific points on the limbs

- Demonstrate five shu points and its utility
- Demonstrate Yuan-primary points & its utility.
- Demonstrate Luo-connecting points & its utility.
- Demonstrate XI-cleft points and its utility
- Demonstrate eight confluent points & its utility.

Sub Unit 2: Specific points on the Head& trunk

- Demonstrate back shu point & its importance.
- Demonstrate front mu points & its importance
- Demonstrate crossing points & its importance.

Unit 32: Therapeutic properties of Acu points

Sub Unit 1: Local & adjacent therapeutic properties of points

- Demonstrate point on head, face, neck & its indications.
- Demonstrate points of chest & upper dorsal region and indications.
- Demonstrate points on upper abdomen and lower dorsal region and its indication
- Demonstrate point on lower abdomen and lumbosacral region and its indication.

Unit 33: Acu points of twelve regular Meridian

Sub Unit 1: Identify the location of the points

- Demonstrate location of the points from twelve regular Meridian methods of puncture and regional anatomy.

Unit 34: Acu points of DU & Ren Meridian & extra ordinary points

Sub Unit 1: Identify the location of the points

- Demonstrate number of Acu points of DU Ren Meridian and extraordinary pointmethod of puncture and regional anatomy.

Method of Diagnosis in Acupuncture and Moxibustion

Total Hours: 156 hrs (4 hrs/week)

Theory: 117 hrs (3 hrs/week)

Practical: 39 hrs (1 hr/week)

Course Description:

This course is designed to provide students the skills and knowledge about diagnosis of patient by general enquiry inspection, auscultation, olfaction and palpation.

Course Objective:

After completion of the course, student will be able to:

- Diagnose the patient by general enquiry
- Diagnose the patient by inspection
- Diagnose the patient by auscultation
- Diagnose the patient by olfaction
- Diagnose the patient by palpation

Theory

Unit 1: General inspection by observation

Sub Unit 1: Observation of the vitality

- Explain five discolorations. eg. red, pale, yellow, blue, dark grey.
- Explain Lustrous & moist complexion

Sub Unit 2: Observation of the appearance

- Describe importance of observation of the appearance.
- Describe importance of observation of Body shape
- Describe importance of observation of Movement
- Describe importance of observation of Posture

Sub Unit 3: Observation of the sense organ's

- Discuss observation of the eye.
- Discuss observation of the Nose
- Discuss observation of the Ear.
- Discuss observation of the Gums & lips.
- Discuss observation of the Throat.
- Discuss observation of the Tongue.

Sub Unit 4: Observation of the Tongue

- Describe physiology of tongue
- Diagnose tongue
- Precaution of tongue

Unit 2: Auscultation and olfaction

Sub Unit 1: Listening

- Explain importance of listening to speech.
- Explain importance of listening to respiration.
- Explain importance of listening to the cough.

Sub Unit 2: Smelling

- Describe importance of smelling

Unit 3: General inquiring

Sub Unit 1: Chills and fever

- Explain indication's exogenous exterior syndrome intermediate syndrome. exterior heat syndrome, interior cold syndrome during chill & fever.

Sub Unit 2: Perspiration

- Explain indication of absence of sweat, presence of sweat, sweat during sleep spontaneous sweating profuse sweating.

Sub Unit 3: Appetite, thirst and taste

- Describe indications of
 - Poor appetite,
 - Loss of appetite,
 - Excessive appetite,
 - Lack of thirst,
 - Presence of thirst,
 - Biter taste sweetish
 - Greasy taste,
 - Sour taste in mouth,
 - Lack of taste in mouth.

Sub Unit 4: Defecation and urination

- Discuss different types of stool's and urine and their indicating.
 - Dryness of stool: accumulation of heat.
 - Loose stool: retention of damp in spleen
 - Bloody stool with mucus & terms: damp heat in intensive
 - Yellow urine: heat syndrome
 - Clear & profuse urine: cold syndrome
 - Red urine: injury to vessels by heat

Sub Unit 5: Pain

- Discuss about nature of pain, location of pain with their indications.
 - Nature of pain: distending pain, pricking pain, weighty pain colicky pain, puling pain burning pain, cold pain dull pain, hollow pain.
 - Locality of pain: Headache, chest pain hypochondriac pain, epigastria pain , abdominal pain, lumbago pain in for limbs intermittent pain.

Sub Unit 6: Sleep

- Explain different types of sleep with their indications.
 - Insomnia with dizziness.
 - Difficult in falling in asleep.
 - Drowsiness with dizziness
 - Conditions of half sleep with lassitude.

Sub Unit 7: Menses and leucorrhoea

- Discuss about menstrual cycle, period, amount, color, quality of flow & accompanying symptoms and sing with their indications.
- Discuss about leucorrhoea, color amount quality smell, and indications.

Unit 4: Feeling or pulse & palpation of different parts of body.

Sub Unit 1: Perspiration

- Explain indication of absence of sweat, presence of sweat, sweat during sleep spontaneous sweating profuse sweating.

Sub Unit 2: Feeling of pulse & palpation of different parts of body

- Explain methods of feeling of pulse.
- Explain method of differentiation of pulse in depth, speed, strength, shape, rhythm.
- Discuss abnormal pulse reading with their indications.
- Explain palpation of epigastria
- Describe palpation of abdomen with their abnormal signs/symptoms & indications.
- Describe palpation of the acu points.

Unit 5: Differentiation of syndromes

Sub Unit 1: Eight principles of Exterior & interior

- Discuss exterior syndrome with manifestation.
- Discuss interior syndrome with manifestation.
- Differentiate cold and heat, deficiency & excess in exterior syndrome.
- Differentiate exterior and interior syndrome.
- Explain relationship between exterior and interior syndrome.

Unit 6: Syndromes according to eight principles

Sub Unit 1: Deficiency and excess

- Define deficiency and excess.
- Explain syndromes of deficiency type & syndromes of excess type.
- Differentiate syndrome of deficiency type and syndromes of excess type.
- Shows the relationship between syndromes of deficiency type & syndromes of excess type.

Sub Unit 2: Yin and yang

- Discuss yin and yang syndromes.
- Discuss collapse of yin and yang.
- Differentiation syndromes of collapse of yin and yang.

Unit 7: Syndromes according to the theory of Qi and blood.

Sub Unit 1: Syndromes of Qi

- Describe yin & yang syndromes.
- Describe syndrome of sinking of Qi.
- Describe syndrome of stagnation of Qi.
- Describe syndrome of perversion of Qi.

Sub Unit 2: Syndromes of blood

- Discuss syndrome of deficiency of blood.
- Discuss syndrome of stagnation of blood.
- Discuss syndrome of heat in the blood.

Unit 8: Syndromes according to the theory of zang fu organs

Sub Unit 1: Syndromes of heart & small intestine

- Introduce clinical manifestations, etiology & pathology of deficiency of the heart Qi and deficiency of the heart Yang.
- Introduce clinical manifestations, etiology & pathology of deficiency of the heart and blood and deficiency of the heart Yin

- Introduce clinical manifestations, etiology & pathology of stagnation of the heart and blood and deficiency of the heart Yin
- Introduce clinical manifestations, etiology & pathology of hyperactivity of the heart fire.
- Introduce clinical manifestations, etiology & pathology of derangement of the mind
- Introduce clinical manifestations, etiology & pathology of deficiency of the heart and blood and pain due to disturbance of Qi of the small intestine.

Sub Unit 2: Syndromes of lung & large Intestine

- Introduce clinical manifestations, etiology & pathology of invasion of the lung pathogenic wind.
- Introduce clinical manifestations, etiology & pathology of retention of phlegm damp in the lung.
- Introduce clinical manifestations, etiology & pathology of retention of phlegm heat in the lung.
- Introduce clinical manifestations, etiology & pathology of insufficiency of lung Yin.
- Introduce clinical manifestations, etiology & pathology of damp heat in the large intestine.
- Introduce clinical manifestations, etiology & pathology of consumption of the fluid of the large intestine.
- Explain deficiency of the lung Qi

Sub Unit 3: Complicated syndrome of the spleen & stomach:

- Introduce clinical manifestations, etiology & pathology of the deficiency of the spleen.
- Introduce clinical manifestations, etiology & pathology of the deficiency of the spleen controlling Blood.
- Introduce clinical manifestations, etiology & pathology of the deficiency of the spleen Yang.
- Introduce clinical manifestations, etiology & pathology the deficiency of spleen & Stomach.
- Introduce clinical manifestations, etiology & pathology of retention of Fluid in the stomach due to cold
- Introduce clinical manifestations, etiology & pathology hyperactivity for fire in the stomach.
- Introduce clinical manifestations, etiology & pathology insufficiency of the stomach.
- Introduce clinical manifestations, etiology & pathology of invasion of the spleen by cold & damp.
- Introduce clinical manifestations, etiology & pathology of damp heat in the spleen & stomach.

Sub Unit 4: Syndromes of Liver and bladder

- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the liver Qi.
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the liver Qi.
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the liver Yang
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the liver wind in the interior

- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the retention of cold in the liver.
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the insufficiency of the liver blood.
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the liver and gall bladder
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the Kidney Yang
- Introduce discuss clinical manifestations, etiology & pathology of the stagnation of the rising of the damp heat in the liver

Sub Unit 5: Syndrome of Kidney and bladder

- Introduce clinical manifestation etiology and pathology of def of kidney Qi
- Introduce insufficiency of kidney yang
- Introduce insufficiency of kidney yin
- Introduce damp heat in the bladder

Sub Unit 6: Complicated syndrome of Zang & Fu organs

- Introduce discuss clinical manifestations, etiology & pathology of the deficiency of Qi of lung and Kidney.
- Introduce discuss clinical manifestations, etiology & pathology of the disharmony between heart and Kidney.
- Introduce discuss clinical manifestations, etiology & pathology of the deficiency of Yin of the Lung and Kidney.
- Introduce discuss clinical manifestations, etiology & pathology the deficiency of Yang of the spleen and Kidney.
- Introduce discuss clinical manifestations, etiology & pathology the deficiency of Spleen & Kidney.
- Introduce discuss clinical manifestations, etiology & pathology the deficiency of the Lung & Spleen
- Introduce discuss clinical manifestations, etiology & pathology the imbalance between liver and stomach.
- Introduce discuss clinical manifestations, etiology & pathology the disharmony between liver and stomach.
- Introduce discuss clinical manifestations, etiology & pathology the deficiency of both heart & spleen.
- Introduce discuss clinical manifestations, etiology & pathology the invasion of the lung by liver fire.

Unit 9: Syndromes according to the theory of meridian & collaterals

Sub Unit 1: Pathological manifestation of the twelve meridians.

- Mention pathological manifestation of the lung meridian of Hand (Tai Yin)
- Mention pathological manifestation of the large intestine meridian of Hand (Yang Ming)
- Mention pathological manifestation of the stomach meridian of foot (Yang Ming)
- Mention pathological manifestation of the spleen meridian of foot (Tai Yin)
- Mention pathological manifestation of Heart meridian of Hand (Shaoyin)
- Mention pathological manifestation of small intestine meridian of Hand (Tai Yang)

- Mention pathological manifestation of Urinary Bladder meridian of foot (Tai Yang)
- Mention pathological manifestation of Kidney meridian of foot (Shao Yin)
- Mention pathological manifestation of pericardium meridian of Hand (Jue Yin)
- Mention pathological manifestation of Sanjiao meridian of hand (Shaoyang)
- Mention pathological manifestation of Gall Bladder meridian of foot (Shao Yang)
- Mention pathological manifestation of Liver meridian of foot (Jue Yin)

Sub Unit 2: Pathological manifestations of the eight extra meridians.

- Mention pathological manifestation of the GV (Governor Vessel) meridian.
- Mention pathological manifestation of the Ren (conception Vessel) meridian.
- Mention pathological manifestation of the Chong meridian.
- Mention pathological manifestation of the Dai meridian.
- Mention pathological manifestation of the Yang Qiao meridian.
- Mention pathological manifestation of the yin Qiao meridian.
- Mention pathological manifestation of the yang Wei meridian.
- Mention pathological manifestation of the yin Wei meridian.

Method of Diagnosis in Acupuncture and Moxibustion Practical

Unit: 1 General inspection by observation

Sub Unit 1: Observation of the colour

- Diagnose the disease according to the colour (Red, Pale, Yellow, Blue, Dark gray, lustrous and Moist complexion)

Sub Unit 2: Observation of the appearance

- Diagnose the disease according to the appearance.

Sub Unit 3: Observation of the sense organ's

- Diagnose the disease according to the observation of the sense organ (eye, Nose, Ear, Gums & lips, Throat,)

Sub Unit 4: Observation of the Tongue

- Diagnose the disease according to the observation of the tongue

Unit 2: Auscultation and olfaction

Sub Unit 1: Listening

- Diagnose the disease according to the listening (Speech, respiration, and cough)

Sub Unit 2: Smelling

- Diagnose the disease according to the smelling (Secretion and excretion)

Unit 3: General inquiring

Sub Unit 1: Chills and fever

- List the exterior and interior symptoms during chills & fever

Sub Unit 2: Perspiration

- Diagnose the disease according to absence or present of sweat, sweat during sleep, spontaneous sweating profuse sweating.

Sub Unit 3: Appetite, thirst and taste

- Diagnose the disease according to indications of poor appetite, loss of appetite, excessive appetite, lack of thirst, presence of thirst, bitter taste sweetish & greasy taste, sour taste in mouth, lack of taste in mouth.

Sub Unit 4: Defecation and urination

- Diagnose the disease according to different types of stool's and urine and their indicating.

Sub Unit 5: Pain

- Diagnose the disease according to nature of pain, location of pain with their indications.

Sub Unit 6: Sleep

- Diagnose the disease according to types of sleep.

Sub Unit 7: Menses and leucorrhoea

- Diagnose the disease according to the amount, color, accompanying symptoms of menses and leucorrhoea.

Unit 4: feeling of pulse & palpation of different parts of body.

Sub Unit 1: Feeling of pulse & palpation of different parts of body

- Palpate and differentiate normal and abnormal pulse in depth, speed, strength, shape, and rhythm.
- Palpate epigastria, abdomen and acupoint.

Unit 5: Differentiation of syndromes

Sub Unit 1: Eight principles

Exterior & interior

- Diagnose the disease according to exterior & interior syndrome's manifestation,

Sub Unit: 2 Eight principles

Cold and heat

- Diagnose the disease according to Cold and heat syndrome's manifestation,

Unit 6: syndromes according to eight principles

Sub Unit 1: Deficiency and excess

- Diagnose the disease according to deficiency & excess syndrome's

Sub Unit 2: Yin and yang

- Diagnose the disease according to yin and yang. and collapse of yin and yang.

Unit 7: Syndromes according to the theory of Qi and blood.

Sub Unit 1: Syndromes of Qi

- Diagnose the disease according to deficiency of Qi, sinking of Qi, stagnation of Qi. Perversion of Qi.

Sub Unit 2: Syndromes of blood

- Diagnose the disease according to deficiency of blood, stagnation of blood, heat in the blood.

Unit 8: Syndromes according to the theory of zang fu organs

Sub Unit 1: Syndromes of heart & small intestine

- Diagnose the disease according to deficiency of the heart Qi and deficiency of the heart Yang.
- Diagnose the disease according to deficiency of the heart, blood and deficiency of the heart Yin
- Diagnose the disease according to of the heart blood
- Diagnose the disease according to hyperactivity of the heart fire.
- Diagnose the disease according to derangement of the mind
- Diagnose the disease according to pain due to disturbance of the Qi of the small intestine

Sub Unit 2: Syndromes of lung & large Intestine

- Diagnose the disease according to the lung pathogenic wind.
- Diagnose the disease according to phlegm damp in the lung.
- Diagnose the disease according to phlegm heat in the lung.
- Diagnose the disease according to insufficiency of lung Yin.
- Diagnose the disease according to damp heat in the large intestine.
- Diagnose the disease according to the fluid of the large intestine.

Sub Unit 3: Complicated syndrome of the spleen & stomach.

- Diagnose the disease according to the deficiency of the spleen.
- Diagnose the disease according to the deficiency of the spleen controlling Blood.
- Diagnose the disease according to the deficiency of the spleen Yang.
- Diagnose the disease according to the deficiency of spleen & Stomach.
- Diagnose the disease according to retention of Fluid in the stomach due to cold
- Diagnose the disease according to hyperactivity for fire in the stomach.
- Diagnose the disease according to insufficiency of the stomach.
- Diagnose the disease according to invasion of the spleen by cold & damp.
- Diagnose the disease according to damp heat in the spleen & stomach.

Sub Unit 4: Syndromes of Liver and bladder

- Diagnose the disease according to the stagnation of the liver Qi.
- Diagnose the disease according to etiology and pathology of the liver Q
- Diagnose the disease according to rising of the liver Yang
- Diagnose the disease according to the stirring of liver wind in the interior
- Diagnose the disease according to retention of cold in the liver.
- Diagnose the disease according to the insufficiency of the liver blood.
- Diagnose the disease according to the damp heat in the liver and gall bladder

Sub Unit 5: Syndrome of Kidney and bladder

- Diagnose the disease according to deficiency of kidney Qi
- Diagnose the disease according to insufficiency of kidney yang
- Diagnose the disease according to insufficiency of kidney yin
- Diagnose the disease according to damp heat in the bladder

Sub Unit 6: Complicated syndrome of Zang & Fu organs

- Diagnose the disease according to deficiency of Qi of lung and Kidney.

- Diagnose the disease according to disharmony between heart and Kidney.
- Diagnose the disease according to deficiency of Yin of the Lung and Kidney.
- Diagnose the deficiency of yin of liver and kidney
- Diagnose the disease according to deficiency of Yang of the spleen and Kidney.
- Diagnose the deficiency of long and spleen
- Diagnose the disease according to imbalance between liver and spleen.
- Diagnose the disease according to disharmony between liver and stomach.
- Diagnose the deficiency of both heart and spleen
- Diagnose the disease according to invasion of the lung by liver fire.

Unit 9: Syndromes according to the theory of meridian & collaterals

Sub Unit 1: Pathological manifestation of the twelve meridians.

- Diagnose the disease according to pathological manifestation of the lung meridian of Hand (Tai Yin)
- Diagnose the disease according to pathological manifestation of the large intestine meridian of Hand (Yang Ming)
- Diagnose the disease according to pathological manifestation of the stomach meridian of foot (Yang Ming)
- Diagnose the disease according to pathological manifestation of the spleen meridian of foot (Tai Yin)
- Diagnose the disease according to pathological manifestation of Heart meridian of Hand (Shaoyin)
- Diagnose the disease according to pathological manifestation of small intestine meridian of Hand (Tai Yang)
- Diagnose the disease according to pathological manifestation of Urinary Bladder meridian of foot (Tai Yang)
- Diagnose the disease according to pathological manifestation of Kidney meridian of foot (Shao Yin)
- Diagnose the disease according to pathological manifestation of pericardium meridian of Hand (Jue Yin)
- Diagnose the disease according to pathological manifestation of Sanjiao meridian of hand (Shaoyang)
- Diagnose the disease according to pathological manifestation of Gall Bladder meridian of foot (Shao Yang)
- Diagnose the disease according to pathological manifestation of Liver meridian of foot (Jue Yin)

Acupressure and oriental massage

Total Hours: 156 hrs (4 hrs/week)

Theory: 78 hrs (2 hrs/week)

Practical: 78 hrs (2 hr/week)

Course Description:

This course is designed to provide students the skills and knowledge about acupressure and massage.

Course Objective:

After completion of the course, student will be able to:

- Take case history
- Find out health problems
- Carry out massage of body

Theory

Unit 1: Apply acupressure

Sub Unit 1: General introduction & origin of acupressure and oriental massage.

- Give historical background of acupressure and oriental massage.
- Define acupressure.
- Describe manipulation of acupressure.
- Discuss application of acupressure.
- Describe importance of acupressure.
- Explain principle of acupressure.

Unit 2: Perform oriental Massage

Sub Unit 1: Introduction of orient massage

- Define oriental massage.
- Describe manipulation of oriental massage.
- Discuss application of oriental massage.
- Describe importance of oriental massage.
- Explain principle of oriental massage.

Unit 3: Case histroy

Sub Unit 1: Taking case history and general examination.

- Discuss importance of case history.
- Explain method of taking case history.
- Discuss general examination

Unit 4: Find out health problem.

Sub Unit 1: Diagnosis of disease

- Describe importance of diagnosis.
- Discuss method of diagnosis.

Unit 5: Carry out massage on stiff neck

Sub Unit 1: Clinical feature and treatment

- Define stiff neck.
- Describe clinical manifestation.
- Discuss the therapeutic treatment.
- Explain the application of point.

Unit 6: Carry out massage on acute lumbar sprain

Sub Unit 1: Clinical feature and treatment

- Define cervical spondylopathy.
- Describe the clinical manifestation.
- Discuss the therapeutic treatment
- Point out the application point.

Unit 7: Carry out massage on chronic lumbar sprain

Sub Unit 1: Clinical feature and treatment.

- Give introduction of chronic lumbar sprain.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point.

Unit 8: Carry out massage on posterior articular disturbance syndrome of lumbar vertebra.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of articular disturbance of syndrome of lumbar vertebra.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point.

Unit 9: Carry out massage on semi- dislocation of sacroiliac joint.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of articular disturbance of sacroiliac joint.
- 2. Discuss clinical manifestation.
- 3. Explain therapeutic treatment.
- 4. Describe application point

Unit 10: Carry out massage on retrograde osteo arthropathy of lumbar vertebra.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of retrograde osteo arthropathy of lumbar vertebra.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 11: Carry out massage on rupture syndrome of the fibrous rings of the lumbar inter-vertebral disc.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of rupture syndrome of the fibrous rings of the lumbar inter vertebral disc.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 12: Carry out massage on injury of superior gluteal nerves.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of injury of superior gluteal nerves.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 13: Carry out massage on scapular humeral periarthrititis.

Sub Unit: 1 Clinical feature and treatment.

- Give introduction of scapula humeral periarthrititis.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 14: Carry out massage on sub acromial bursitis

Sub Unit 1: clinical feature and treatment.

- Give introduction of sub acromial bursitis.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 15: Carry out massage on tendinitis of supra spinatus muscle

Sub Unit 1: Clinical feature and treatment.

- Give introduction of tendinitis of supra spinatus muscle.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 16: Carry out massage on external humeral epicondylitis.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of external humeral epicondylitis.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 17: Carry out massage on tenosynovitis stenosis.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of tenosynovitis stenosis.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 18: Carry out massage on sprain of the wrist joint.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of sprain of the wrist joint.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 19: Carry out massage on sciatica.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of sciatica.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 20: Carry out massage on sprain of the ankle joint.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of sprain of the ankle joint.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Unit 21: Carry out massage on injury of the lateral collateral ligament of the knee joint.

Sub Unit 1: Clinical feature and treatment.

- Give introduction of lateral collateral ligament of the knee joint.
- Discuss clinical manifestation.
- Explain therapeutic treatment.
- Describe application point

Acupressure and oriental massage

Practical

Unit 1: Case history

Sub Unit 1: Taking case history and general examination.

- Take case history.
- Conduct general examination

Unit 2: find out health problem.

Sub Unit 1: Diagnosis of disease

- Perform methods of diagnosis.

Unit 3: Carry out massage on stiff neck

Sub Unit 1: Clinical feature and treatment

- Diagnose the disease of stiff neck.
- Perform therapeutic treatment with application of point.

Unit 4: Carry out massage on cervical spondylopathy

Sub Unit 1: Clinical feature and treatment

- Diagnose the disease of cervical spondylopathy.
- Perform therapeutic treatment with application of point.

Unit 5: Carry out massage on acute lumber sprain

Sub Unit 1: Clinical feature and treatment

- Diagnose the disease acute lumber sprain.
- Perform therapeutic treatment with application of point.

Unit 6: Carry out massage on chronic lumber sprain

Sub Unit 1: Clinical feature and treatment.

- chronic lumber sprain.
- Perform therapeutic treatment with application of point.

Unit 7: Carry out massage on posterior articular disturbance syndrome of lumber vertebra.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of posterior articular disturbance of syndrome of lumber vertebra.
- Perform therapeutic treatment with application of point.

Unit 8: Carry out massage on semi- dislocation of sacroiliac joint.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of semi dislocation disturbance of sacroiliac joint.
- Perform therapeutic treatment with application of point.

Unit 9: Carry out massage on retrograde osteo arthropathy of lumber vertebra.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of retrograde osteo arthropathy of lumber vertebra.
- Perform therapeutic treatment with application of point.

Unit 10: Carry out massage on rupture syndrome of the fibrous rings of the lumber inter-vertebral disc.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of rupture syndrome of the fibrous rings of the lumber inter vertebral disc.
- Perform therapeutic treatment with application of point.

Unit 11: Carry out massage on injury of superior gluteal nerves.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of injury of superior gluteal nerves.
- Perform therapeutic treatment with application of point.

Unit 12: Carry out massage on scapular humeral peri-arthritis.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of scapula humeral peri-arthritis.
- Perform therapeutic treatment with application of point.

Unit 13: Carry out massage on sub acromial bursitis

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of sub acromial bursitis.
- Perform therapeutic treatment with application of point.

Unit 14: Carry out massage on tendinitis of supra spinatus muscle

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of tendinitis of supra spinatus muscle.
- Perform therapeutic treatment with application of point.

Unit 15: Carry out massage on external humeral epicondylitis.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of external humeral epicondylitis.
- Perform therapeutic treatment with application of point.

Unit 16: Carry out massage on tenosynovitis stenosis.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of tenosynovitis stenosis.
- Perform therapeutic treatment with application of point.

Unit 17: Carry out massage on sprain of the wrist joint.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of sprain of the wrist joint.
- Perform therapeutic treatment with application of point.

Unit 18: Carry out massage on sciatica.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of sciatica.
- Perform therapeutic treatment with application of point.

Unit 19: Carry out massage on sprain of the ankle joint.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of sprain of the ankle joint.
- Perform therapeutic treatment with application of point.

Unit 20: Carry out massage on injury of the lateral collateral ligament of the knee joint.

Sub Unit 1: Clinical feature and treatment.

- Diagnose the disease of lateral collateral ligament of the knee joint.
- Perform therapeutic treatment with application of point.

Acupuncture & moxibustion Therapeutic I

Total Hours: 439 hrs (11 hrs/week)

Theory: 195 hrs (5 hrs/week)

Practical: 234 hrs (6 hrs/week)

Course Description:

This course is designed to provide students the skill and knowledge about acupuncture and moxibustion therapeutic.

Course Objective:

After completion of the course, students will be able to:

- Diagnoses the disease
- Select point and acupuncture prescription
- Treat disease according to basic principles
- Perform therapeutic method

Theory

Unit 1: Treat disease according to basic principles

Sub Unit 1: General principles of treatment

- Define Yin & Yang
- Mention about general principles of treatment
- During treatment, explain the necessity & importance of regulation of Yin & Yang.
- Briefly describe about the general principles of treatment.
- Explain, strengthening the body resistance & eliminating the pathogenic factors.
- Distinguishing the primary from secondary.
- Describe the treatment of disease according to climatic & seasonal condition, geographical location & the individual conditions.

Unit 2: Perform therapeutic method

Sub Unit 1: Therapeutic method

- Define reinforcing method.
- Explain reducing method.
- Explain warming method.
- Describe the clearing method
- Describe the ascending method
- Describe descending method.

Unit 3: Select point

Sub Unit 1: The basic principle for prescription & selecting points

- Select the point from related meridian.
- Select the point from several meridians.
- Select the point from distant points
- Select the point by symptomatic point.

Unit 4: Apply specific Point

Sub Unit 1: Application of specific points

- Explain the specific points of the four extremities.
- Describe the specific point on the head & trunk.

Unit 5: Diagnosis/ treat internal disease

Sub Unit 1: Emergency diseases & its syndromes

- Explain general introduction of emergency disease, which is caused by exogenous pathologic factor.
- Describe general introduction of common cold, etiology & pathogenesis, differentiation & analysis treatment remarks of disease.
- Explain general introduction of wind stroke, etiology & pathogenesis differentiation & analysis treatment & remarks of disease.
- Describe general introduction of sun stroke etiology & pathogenesis differentiation & analysis treatment & remarks of disease.
- Describe general introduction of syncope etiology & pathogenesis differentiation analysis treatment & remarks of disease.
- Explain general introduction of Malaria, etiology & differentiation & analysis treatment & remarks of disease.

Unit 6: Select point and acupuncture prescription

Sub Unit 1: The basic principle for prescription & selecting points

- Select the point from related meridian.
- Select the point from several meridians.
- Select the point from distant points
- Select the point by symptomatic point.

Unit 7: Specific Point

Sub Unit 1: Application of specific points

- Explain the Specific points & the four extremities.
- Describe the specific on the head & trunk.

Unit 8: Diagnosis/ treat internal disease

Sub Unit 1: The basic principle for prescription & selecting point.

- Select the point from related meridian.
- Select the point from several meridians.
- Select the point by distant point.
- Select the point by symptomatic point.

Sub Unit 2: Emergency disease & its syndromes

- Explain general introduction of emergency disease, which is caused by exogenous pathogenic factor.
- Describe general introduction of common cold, etiology & pathologic factor.
- Explain general introduction of wind stroke etiology & parthenogenesis differentiation & analysis treatment & remark of disease
- Describe general introduction of sun stroke etiology & parthenogenesis differentiation & analysis treatment & remarks of disease.
- Describe general introduction of syncope etiology & parthenogenesis differentiation & analysis treatment & remarks of disease.
- Explain general introduction of Malaria, etiology & differentiation & analysis treatment & remarks of disease.

Sub Unit 3:3 Respiratory diseases

- Explain general introduction of cough its etiology and pathogenesis is caused by exogenous pathogenesis differentiation, analysis & remarks.

Sub Unit 4: Respiratory diseases

- Explain general introduction of Asthma its etiology and pathogenesis differentiation, analysis & remarks.

Sub Unit 5: Respiratory diseases

- Explain general introduction of hoarseness of voice its etiology and pathogenesis differentiation, analysis & remarks.

Unit 9: Diagnosis & treatment of Digestive system diseases

Sub Unit 1: Clinical features & treatment of the digestive system.

- Explain the disease of the digestive system.
- Explain general introduction of hiccup etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of epigastric pain etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of vomiting, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of Abdominal Pain etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of Diarrhea etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- General introduction of Dysentery etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of Constipation, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of Prolapse of rectum, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Give general introduction of abdominal distension, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of Jaundice Distension, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of pain Hypochondriac region, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe its general Toothache, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.

Unit 10: Diagnosis & treatment of CNS diseases

Sub Unit 1: Clinical features & treatment of the disease of CNS.

- Give general introduction of disease of the CNS.
- Explain general introduction of insomnia etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of epilepsy, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of Melancholia, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of Headache etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of Dizziness Pain etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.

- Describe General introduction of Facial pain etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe General introduction of Facial paralysis etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- General introduction of Wei syndrome, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Describe general introduction of manic-depressive, etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.

Acupuncture & moxibustion Therapeutic I Practical

Unit 1: Perform therapeutic method

Sub Unit 1: Therapeutic method

- Treat patient using reinforcing method.
- Treat patient using reducing method.
- Treat patient using warming method.
- Treat patient using clearing method
- Treat patient using ascending method
- Treat patient using descending method.

Unit 2: Specific Point

Sub Unit 1: Application of specific points

- Find out specific point and its application on the head and trunk and four extremities.

Unit 3: Diagnosis/ treat internal disease

Sub Unit 1: Emergency diseases & its syndromes

- Check patient and find out the sign & symptoms of wind stroke, and treat it using acupoints.
- Check patient and find out the sign & symptoms of sunstroke, and treat it using acupoints.
- Check patient and find out the sign & symptoms of syncope, and treat it using acupoints.

Unit 4: Diagnosis/ treat internal disease

Sub Unit 1: Respiratory diseases

- Check patient and find out the sign & symptoms of cough and treat it using acupoints.
- Check patient and find out the sign & symptoms of Asthma and treat it using acupoints.
- Check patient and find out the sign & symptoms of hoarseness of voice and treat it using acupoints.

Unit 5: Diagnosis and treatment of Digestive system diseases

Sub Unit 1: Clinical features & treatment of the digestive system

- Check patient and find out the sign & symptoms of the digestive system and treat it using acupoints.
- Check patient and find out the sign & symptoms of hiccup and treat it using acupoints.
- Check patient and find out the sign & symptoms of epigastric pain and treat it using acupoints.
- Check patient and find out the sign & symptoms of vomiting, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Abdominal Pain and treat it using acupoints.

- Check patient and find out the sign & symptoms of Diarrhea and treat it using acupoints.
- Check patient and find out the sign & symptoms of Dysentery and treat it using acupoints.
- Check patient and find out the sign & symptoms of Constipation, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Prolapse of rectum, and treat it using acupoints.
- Check patient and find out the sign & symptoms of abdominal distension, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Jaundice, and treat it using acupoints.
- Check patient and find out the sign & symptoms of pain Hypochondriac region, and treat it using acupoints.
- Check patient and find out the sign & symptoms of general Toothache

Unit 6: Diagnosis & treatment of CNS diseases

Sub Unit 1: Clinical features & treatment of the disease of CNS.

- Give general introduction of disease of the CNS.
- Check patient and find out the sign & symptoms of insomnia and treat it using acupoints.
- Check patient and find out the sign & symptoms of epilepsy, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Melancholia, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Headache and treat it using acupoints.
- Check patient and find out the sign & symptoms of Dizziness Pain and treat it using acupoints.
- Check patient and find out the sign & symptoms of Facial pain and treat it using acupoints.
- Check patient and find out the sign & symptoms of Facial paralysis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Wei syndrome, and treat it using acupoints.
- Check patient and find out the sign & symptoms of manic-depressive, disorder and treat it using acupoints.

Clinical Pathology

Total Hours: 117 hrs (3 hrs/week)

Theory: 78 hrs (2 hrs/week)

Practical: 39 hrs (1 hr/week)

Course Description:

This course is designed to provide students the skill and knowledge about clinical pathology.

Course Objective:

After the completion of the course, students will be able to:

- Identify pathogenic micro-organism.
- Identify and control infections.
- Identify different types of immunity.
- Familiarize with micro-biological testing procedure
- Familiarize with report reading micro-biological test report.
- Familiarize with parasitology testing procedure.
- Familiarize with report reading parasitology test report.
- Familiarize with the pathology testing procedure.
- Familiarize with report reading pathology test report.
- Familiarize with the biochemistry testing procedure.
- Familiarize with report reading biochemistry test report
- Familiarize with the haematology testing procedure.
- Familiarize with report reading haematology test report.

Theory

Unit 1: General Pathology

- Identify inflammation.
- Define cell, labeling cell, sick cell and cellular degeneration. The dying and dead cell (Necrosis), Gangrene.
- Identification of normal and sick cell.
- Introduction of inflammation, vascular phenomenon, cell of the inflammation, exudates, relation to symptoms to lesion, suppuration, abscess and boils, ulcer and cellulite acute and chronic inflammation.
- Introduction, healing of wound, thrombosis and embolism.
- Derangement of body fluid, dehydration and oedema.
- Define, identify and treat haemorrhage, shock.
- Define tumour neoplasm

Unit 2: Micro-biology

- Define pathology, pathogen and pathogenetic micro-organisms.
- Classify and identify of pathogenic micro-organisms.
- Define micro-biology and importance, principles and procedure of classifying pathogenetic micro-organisms
- Define infestation and contamination.

- Explain the mechanism of infection.
- Explain the source of infection.
- Explain the transmission of micro-organisms.
- Different types of hosts control measure.
- Classify basic immunity/immunization.
- Define microscope, component parts, types of microscope overall handling and use of microscope.
- Define slides (Temporary and permanent), method of mounting slides

Unit 3: Parasitology

- Know the life cycle of medically significant protozoa.
- Describe the life cycle of medically significant protozoa.
- Define parasitology, importance of parasites.
- Classify parasites.
- Define protozoa
 - Types of protozoa.
 - Life cycle of the following protozoa.
- Define and explain flagellated protozoa.
 - Giardia lamblia.
 - Trichomonas hominis
- Define amoeboid protozoa.
 - Entamoeba histolytica
- Define sporozoan protozoa.
 - Malaria parasites.
- Define helminths. Types of Helminths. Life cycle of the followings.
 - Ascaris lumbricoides (Round worm)
 - Enterobiasis vermicularis.
 - Ankylostome duodenal.
 - Trichuris Trichuria (whip worm)
 - Wucheria bancrofti.
- Define tape worms. Life cycle of the followings.
 - Taenia solium.
- Define taenia saginata, Leishmania donovani.

Unit 4: Biochemistry

- Define carbohydrates, carbohydrate metabolism, source of carbohydrates and function of carbohydrate.
- Define protein, protein metabolism, source of protein, function of protein.
- Define fat, fat metabolism, source of fat, function of fat.
- Define vitamins, source of vitamins, function of vitamins and metabolism of vitamins.
- Define minerals, source of minerals and function of minerals.
- Explain the principles and procedure of carrying out urine/sugar test
- Determine the nutritional value of food with its different components such as carbohydrates, protein, fat, vitamins, minerals and water.

Unit: 5 Haematology

- Identify and describe blood, its components and functions.
- Identify normal and sick erythrocyte (RBC) in relation to anaemia.
- Identify normal and sick Leukaemia (WBC).

- Define haematology,
- Define and explain the importance and function of:
 - Plasma,
 - Red blood cell,
 - white blood cell
 - Platelets
- Explain the followings:
 - Development of blood cell
 - Control of blood cell production
- Introduce:
 - Blood group, ABO system. Haemostasis, blood coagulation. Reaction of platelets.
- Diagnosis and treatment of Anaemia.
- Diagnosis and treatment of Leukaemia.
- Define blood sample, things to be considered while staining blood sample, precautions.
- Principle and procedure of carrying TLC.
- Principle and procedure of carrying DLC.
- Principles and procedure of estimating Haemoglobin.
- Principle and procedure of finding out ESR

Practical

Unit 1: General Pathology

- Draw a diagram of normal cell.
- Observe normal cell in microscope.
- Draw a diagram of sick cell and cellular degeneration.
- Observe sick cell and cellular in microscope.
- Observe normal cell/tissue in microscope.
- Observe normal cell in microscope.
- Treat sick cell.
- Observe inflammation, vascular phenomenon, cell of the inflammation, exudates, relation to symptoms to lesion, suppuration, abscess and boils, ulcer and cellulite acute and chronic inflammation
- Treat dehydration.
- Treat haemorrhage and shock.
- Treat tumour

Unit 2: Micro-biology

- Handle Microscope
- Observe Slides
- Control infection.

Unit 3: Parasitology

- Draw lifecycle of medically significant protozoa.
- Draw life cycle of medically significant helminthes.
- Draw life cycle of medically significant tape worms

Unit 4: Biochemistry

- Carryout urine test
- Carryout sugar test

Unit 5: Haematology

- Treat Anaemia.
- Treat Leukaemia.
- Take blood sample.
- Determine blood group.
- Perform total leukocyte count (TLC).
- Perform differential leukocyte count (DLC).
- Perform haemoglobin estimation (HBE).
- Find out Erythrocyte sedimentation Rate (ESR)

General Medicine

Total Hours: 156 hrs (4 hrs/week)

Theory: 78 hrs (2 hrs/week)

Practical: 78 hrs (2 hrs/week)

Course Description:

This course is designed to provide students the skill and knowledge about general medicine.

Course Objective:

After completion of the course students will be able to;

- Take case history of patient.
- Perform general examination of patient.
- Perform systemic examination of the Nervous system, Locomotive system, Respiratory system, Cardiovascular system, Alimentary system, Abdomen
- Methods of examination of motor and sense function.
- Methods of systemic examination of respiratory and cardiovascular system, Alimentary system and Abdomen by the method of inspection, palpation, percussion, auscultation
- Diagnose/treat viral diseases
- Diagnose/treat bacterial diseases
- Diagnose/treat spirochetal diseases
- Diagnose/treat mycotic diseases
- Diagnose/treat parasitic diseases
- Diagnose/treat nervous diseases
- Diagnose/treat mental diseases
- Diagnose/treat peripheral neuropathy
- Diagnose/treat locomotor system
- Diagnose/treat respiratory system and nose
- Diagnose/treat cardio-vascular system
- Diagnose/treat gastro-enteric system diseases (mouth, teeth and gums diseases)
- Diagnose/treat liver and gall bladder diseases
- Diagnose/treat kidney, bladder and urethra diseases
- Diagnose/treat male sex organs diseases
- Diagnose/treat female sex organs diseases
- Diagnose/treat eye, ear and skin diseases
- Diagnose/treat children diseases

Theory

Unit 1: Clinical Methods

- Take case history of patient
 - Interrogation of the patient regarding present history, past history and family history of illness
- Perform general examination of the patient
 - Starting from head and neck to eyes, ears, face, mouth tongue, teeth, lymph glands, upper limbs, then the abdomen lower limbs and the genitals including the pulse, temperature and blood pressure. Perform systematic examination of the sense organs (eye, ear, nose and skin)
- Perform systemic examination of the nervous system

- Methods of examination of 12 cranial nerves; the olfactory nerves, the optic nerves, the oculomotor, the trochlear, the abducens, the facial, the auditory, the glossopharyngeal, the vagus, accessory and hypoglossal nerves.
- Perform systemic examination of the locomotor system
- Perform systemic examination of the respiratory system
- Perform systemic examination of the cardiovascular system
- Perform systemic examination of the alimentary system
- Perform systemic examination of abdomen
- Perform systemic examination of the motor and sensory function
 - The size of the muscles
 - The state of muscular tone
 - The vascular supply
 - The co-ordination of movement
 - The presence or absence of involuntary movement
 - Examination of the bones
 - Examination of the joints by inspection and palpation and test for the range of movement
- Methods of systemic examination of respiratory and cardiovascular system and alimentary system and abdomen by the method of
 - Inspection
 - Palpation
 - Percussion
 - Auscultation

Unit 2: Communicable Diseases

1. **Diagnose/Treat viral diseases:** (Etiology, Sign, Symptom, Diagnosis, Treatment)
(Common cold, influenza, Herpes Zoster, Herpes simplex, chicken-pox, Mumps, Measles, Rubella, Viral hepatitis, Viral encephalitis, Poliomyelitis, AIDS)
2. **Diagnose /Treat Bacterial diseases:** (Etiology, Sign, Symptom, Diagnosis, Treatment)
(Streptococcal sore throat, Pharyngitis, whooping cough, Diphtheria, Pneumonia, Tuberculosis, Enteric fever, Rheumatic fever, Bacterial meningitis, Tetanus, Cholera, Bacillary dysentery, Gastro-enteritis, Gonorrhoea, Plague, Leprosy, Osteomyelitis facial furuncles.)
3. **Diagnose/treat Spirochetal Diseases:** (Etiology, Sign, Symptom, Diagnosis, Treatment)
 - (Syphilis)
4. **Diagnose/treat Mycotic diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Candidiasis (Moniliasis)
 - Dermatophytosis (Tinea-Ringworm)
5. **Diagnose/treat Parasitic diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Ascariasis (Round worm), Enterobiasis (pin worm) Ankylostomiasis (hook worm), Trichuriasis (whip worm), Trichuriasis, Intestinal taeniasis-pork tapeworm and beef tapeworm.
 - Giardiasis
 - Trichomonas vaginitis (Trichomoniasis)
 - Visceral leishmaniasis.
 - Amoebiasis (Amoebic dysentery)
 - Malaria.

Unit 3: Non-Communicable Diseases

1. **Diagnose/treat Nervous System:** (Etiology, sign, symptom, Diagnosis, treatment)

- (Trigeninal neuralgia, Bells palsy, Epilepsy, Migraine, Cerebro-vascular accidents cerebral haemorrhage, Hemiplegia Syncope)
2. **Diagnose/treat Mental Diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
(Psychoneurosis and Hysteria)
 3. **Diagnose/treat peripheral neuropathy:** (Etiology, sign, symptom, Diagnosis, treatment)
(Burning sensation and cold)
 4. **Diagnose/treat Locomotor system:** (Etiology, sign, symptom, Diagnosis, treatment)
(Bone, Muscles and joints)
(Rheumatoid arthritis, Gout, Spondylitis ankylopoitaca, Osteo-arthritis, Reiter's syndrome, Acute pyogenic arthritis, Lumbago Sciatica syndrome, Brachial Neuralgia Herniation of intervertebral disc, cervical spondylosis and compression of nerve roots in the thoracic inlet.)
 5. **Diagnose/treat Respiratory system and Nose:** (Etiology, sign, symptom, Diagnosis, treatment)
(Allergic rhinitis and upper respiratory tract diseases, Acute and chronic bronchitis, Bronchial asthma, dry and wet pleurisy, Hoarseness of voice, Sinusitis)
 6. **Diagnose/treat Cardio-vascular system:** (Etiology, sign, symptom, Diagnosis, treatment)
High blood pressure (Essential hypertension)
Low blood pressure (Hypotension)
Tachycardia, Valvular diseases.
Angina pectoris, Myocardial infarction.
 7. **Diagnose and treat Gastro-enteric system diseases. (Mouth, Teeth and gums diseases)**
(Etiology, sign, symptom, Diagnosis, treatment)
 - Hyperacidity, Acute and Chronic gastritis, Gastric ulcer, Intestinal colic (abdominal pain)
 - Diarrhea, Appendicitis, peritonitis, Hernia, Ascitis, Haemorrhoids (piles), anal fissure.
 8. **Diagnosis and treat liver and gall bladder diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Hepatitis, Cholecystitis, Cholelithiasis
 9. **Diagnosis and treat kidney, bladder and Urethra disease:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Acute nephritis (Glomerulo-nephritis),
 - Nephrotic Syndrome
 - Acute and chronic pyelonephritis
 - Urinary tract calculus, Cystitis, Urethritis (dysuria)
 10. **Diagnosis and Treat Male sex organs diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Prostatic hypertrophy, Sexual precocity, Impotence, Testicular tumor
 11. **Diagnosis and treat female sex organs diseases:** (Etiology, sign, symptom, Diagnosis, treatment)
 - Menstrual disorder, Menorrhagia, Menstrual pain, Amenorrhoea, Menopause (Climacteric) Sterility, Leucorrhoea, Gonorrhoea, Vulvar-Pruritis, Delivery (easy delivery-Normal delivery). Wrong position of foetus, Vomiting in pregnancy, Lactation less lactation), Mastitis, Diseases of mammary gland, pain in mammary gland.
 12. **Diagnosis and treat eye diseases:** (Etiology, sign, symptom, Diagnosis, treatment)

- Visual acuity (trouble of), Retinitis (central), Retinitis pigmentosa, Myopia, Optic atrophy, characts, Glaucoma, Stye, Phlyctin, Dacryocystitis, Blepharitis, Presbiopia (Asthenopia), Conjunctivities.
- 13. Dignous and Treat Ear diseases:** (Etology, sign, symptom, Diagnosis, treatment)
- Otitis externa, Otitis media, Deafness, Tinnitus, Dizziness, Otagia, Motion-sickness miners syndrome.
- 14. Diagnous and treat skin diseases:** (Etology, sign, symptom, Diagnosis, treatment)
- Diabetes mellitus, Exophthalmic goiter.
- 15. Diagnous and treat Children diseases:** (Etology, sign, symptom, Diagnosis, treatment)
- Infantile convulsion, Infantile indigestion, General care, Enuresis nocturia, Nightterror, Stammering, Tonsillitis, Infantile asthma.
 - Practicals for communicable and non communicable diseases.

Third Year

Moxa Collection & Processing

Total Hours: 156 hrs (4 hrs/week)

Theory: 117 hrs (3 hrs/week)

Practical: 39 hrs (1 hr/week)

Course Description:

This course is designed to provide students the skill and knowledge about moxa collecting and processing.

Course Objective:

After completion of the course students will be able to;

- Obtain moxa from store
- Process moxa
- Store processed moxa
- Prepare moxa stick for use
- Apply or use moxa for treatment

Theory

Unit 1: Obtain moxa from store

Sub Unit 1: Method of quality checking and store

- Identify the form of obtain moxa for storing
- Check quality of moxa
- Point out the method of safe handling of moxa
- Transport moxa to the processing place safely

Unit 2: Process moxa

Sub Unit 1: Law of processing moxa

- Explain the principle of moxa processing.
- Explain the need of processing moxa
- Describe the procedure of processing moxa.
- Explain the necessary of moxa processing.

Unit 3: Store process moxa

Sub Unit:1 Safely processed moxa

- Describe the method of storing moxa wool
- Maintain the quality of storage.
- Point out the storage of green (Rough) moxa and refine moxa wool.

Unit 4: Prepare moxa stick for use

Sub Unit 1: Identification of moxa stick

- Define moxa stick
- Point out the thing to be consider while preparing moxa plant
- Things to be rember while preparing moxa stick (i.e. Precaution)

Unit 5: Apply or use moxa for treatment

Sub Unit 1: Application & useful of moxa

- List out the method of applying or using moxa
- Point out the precaution apply method
- Describe indication and contra indication

Moxa Collection & Processing

Practical

Unit 1: Obtain moxa from store

Sub Unit 1: Method of quality checking and store

- Check Moxa quality
- Separate & store moxa

Unit 2: Process moxa

Sub Unit 1: Law of processing moxa

- Process moxa

Unit 3: Store process moxa

Sub Unit: Safely processed moxa

- Store moxa wool safely and according to the quality
- Point out the storage of green (Rough) moxa and refine moxa wool

Unit 4: Prepare moxa stick for use

Sub Unit: Identification of moxa stick

- Make moxa stick
- Collect materials and tool, while preparing moxa stick
- Things to be remember while preparing moxa stick (i.e. Precaution)

Unit 5: Apply or use moxa for treatment

Sub Unit 1: Application & useful of moxa

1. List out the method of applying or using moxa
2. Point out the precaution to apply method•

Method of Acupuncture & Moxibustion

Total Hours: 312 hrs (8 hrs/week)

Theory: 78 hrs (2 hrs/week)

Practical: 234 hrs (6 hrs/week)

Course Description:

This course is designed to provide students the skill and knowledge about acupuncture and moxibustion.

Course Objective:

After completion of the course students will be able to;

- Take precaution/indication
- Identify different types of needles
- Apply needling method
- Perform different types of acupuncture therapy
- Identify the materials and function of moxibustion
- Classify the moxibustion
- Apply moxibustion
- Perform cupping methods

Theory

Unit 1: Take precaution/indication

Sub Unit 1: The structure of and specification of filiform Needle

- Describe the structure and specification of fill form needle
- Find out the angle and depth of insertion
- Explain the manipulation and arrival of Qi
- Know the retaining and withdrawing the needle
- Explain method and essential things for needling practice
- Point out the preparation prior to treatment
 - Inspection of the instrument
 - Posture of the patient
 - Sterilization of needle & human body
- Explain how instrument should be inspected and manage the posture of patient.
- Define sterilization.
- Describe the basic & comprehensive reinforcing & reducing Methods.

Sub Unit 2: Precaution/ contraindication & management in acupuncture treatment.

- Point out the precaution of acupuncture treatment.
- Identify the contraindication in acupuncture treatment.
- Point out the management of possible accident.
- Explain the cause manifestations & management of possible accident.

Unit 2: Identify the three edged Needle

Sub Unit 1: Introduction of three edge needle

- Briefly describe about the three edged needle
- Describe the indication and manipulation of three edged needles.
- List out the precaution of three needles.
- Take precaution of three edged needles

Unit 3: Identify the cutaneous needle

Sub Unit 1: Introduction of cutaneous needle

- Briefly describe about the structure and specification of the cutaneous needle
- Explain the indication of the needle.
- Perform the manipulation of cutaneous needle
- Take precautions during treatment.

Unit 4: Carry out the intra dermal needle

Sub Unit 1: General Introduction of intradermal

- Describe the structure & specification of the intradermal needle
- Point out the indication & manipulation of intradermal needle
- List out the precaution of the intradermal needle
- Take precautions during treatment

Unit 5: Apply needling method

Sub Unit 1: Needling method

- Briefly describe the structure & specification of the intradermal needle
- Point out the indication of needle
- Explain the different needling methods
- Take precautions during treatment

Unit 6: Perform ear acupuncture therapy

Sub Unit 1: therapy of ear acupuncture

- Define ear acupuncture therapy.
- Describe the anatomy of the auricle surface.
- Briefly describe the distribution of auricular points
- Briefly describe the location and indication of auricular points which are commonly used

Unit 7: Electro acupuncture

Sub Unit 1: General introduction of electro acupuncture

- Define electro acupuncture and how it is important.
- Describe the structure of electro stimulator.
- In which condition electro stimulation should be done (manipulation)
- Point out contra indication.
- Point out precaution should be taken.

Unit 8: Perform the scalp acupuncture

Sub Unit 1: General description about the scalp acupuncture

- Identify scalp acupuncture, how it is importance?
- Explain the standard area of stimulation.
- Point out the manipulation & its precaution.
- Take precautions during treatment

Unit 9: Identify the materials and function of moxibustion

Sub Unit 1: General introduction about Artemisia Vulgaris

- Identify the properties of Artemisia vulgries
- Explain how it warm & expel cold.
- Explain its indication.
- Describe it strengthen Yang from collapse
- Explain is prevents from disease & keep healthy

Unit 10: Classify the moxibustion***Sub Unit 1: Different types of moxa which is used acupuncture treatment***

- Point out the method of making moxa cones.
- Classify the different types of moxibustion in details.
- Different between moxa cones & moxa sticks and how to use them? (classify)
- Define moxa stick. What are the method of making moxa stick.
- Explain its function, indication & contra indication

Unit 11: Apply moxibustion***Sub Unit 1: Using method of moxibustion***

- Describe the process & volume for moxibustion.
- Describe the contra indication while applying moxibustoin.
- Point out the management after moxibustion.
- Take precaution during treatment

Unit 12: Perform cupping method***Sub Unit 1: Introduction & cupping methods***

- Define cupping method.
- Identify the types of cupping jar which is used in acupuncture clinic.
- Explain its importance
- Describe its function
- Explain its manipulation
- Point out its precaution.

Method of Acupuncture & Moxibustion

Practical

Unit 1: Take precaution/indication

Sub Unit 1: The structure of and specification of filliform Needle

- Demonstrate the structure and specification of fill form needle
- Perform preparation prior to treatment
- Perform needling practices.
- Sterilize instruments and needles.
- Manipulate three edge needle

Sub Unit 2: Precaution/ contraindication & management in acupuncture treatment.

- Perform management of possible accident during acupuncture treatment.

Unit 2: Identify the three edged Needle

Sub Unit 1: Introduction of three edge needle

- Demonstrate the structure and specification of three edge needle
- Perform preparation prior to treatment
- Perform needling practices.
- Sterilize instruments and needles.
- Manipulate three edge needle

Unit 3: Identify the cutaneous needle

Sub Unit 1: Introduction of cutaneous needle

- Demonstrate the structure and specification of cutaneous needle
- Perform preparation prior to treatment
- Perform needling practices.
- Sterilize instruments and needles.
- Manipulate cutaneous needle

Unit 4: Carry out the intra dermal needle

Sub Unit 1: General Introduction of intradermal

- Demonstrate the structure and specification of intradermal needle
- Perform preparation prior to treatment
- Perform needling practices.
- Sterilize instruments and needles.
- Manipulate intradermal needle

Unit 5: Apply needling method

Sub Unit 1: Needling method

- Manipulate different needles

Unit 6: perform ear acupuncture therapy

Sub Unit 1: therapy of ear acupuncture

- Draw anatomy of auricle surface and distribution of the auricle point
- Locate the auricle point

Unit 7: perform ear acupuncture therapy

Sub Unit 1: General introduction of electro acupuncture

- Perform electro acupuncture on proper point

Unit 8: Perform the scalp acupuncture

Sub Unit 1: General description about the scalp acupuncture

- Perform scalp acupuncture on proper point

Unit 9: Identify the materials and function of moxibustion

Sub Unit 1: General introduction about Artemisia Vulgaris

- Perform Artemisia vulgarizes on proper point

Unit 10: Classify the moxibustion

Sub Unit 1: Different types of moxa, which is, used acupuncture treatment

- Prepare moxa cones and moxa sticks.
- Prepare right volume of moxa for use
- Apply moxa on Point

Unit 11: Apply moxibustion

Sub Unit 1: Using method of moxibustion

- Manage possible accidents of moxibustion

Unit 12: Perform cupping method

Sub Unit 1: Introduction & cupping methods

- Perform cupping on proper part of body

Acupuncture & moxibustion Therapeutic II

Total Hours: 390 hrs (10 hrs/week)

Theory: 156 hrs (4 hrs/week)

Practical: 234 hrs (6 hrs/week)

Course Description:

This course is designed to provide students the skill and knowledge about acupuncture and moxibustion therapeutic.

Course Objective:

After completion of the course students will be able to;

- Diagnoses the disease
- Select point and acupuncture prescription
- Treat disease according to basic principles
- Perform therapeutic method

Theory

Unit 1: Diagnosis and treatment of Cardio Vascular system

Sub unit 1:

- Give general introduction of Cardio Vascular system.
- Perform general introduction of Palpitation etiology & pathogenesis, differentiation analysis, treatment & remarks.
- Describe general introduction of High blood Pressure etiology & pathogenesis, differentiation analysis, treatment & remarks.
- Describe general introduction of Low blood Pressure etiology & pathogenesis, differentiation analysis, treatment & remarks. Explain general introduction of etiology & pathogenesis, differentiation analysis, treatment & remarks of disease.
- Explain general introduction of Thrombocytopenia etiology, pathogenesis differentiation & analysis, treatment & remarks.

Unit 2: Diagnosis and treatment of Locomotor system

Sub-Unit 1: Clinical features & treatment of Locomotor System

- Give general introduction of locomotor system.
- Describe the general introduction of Bi syndrome etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Describe general introduction of Torticollis etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of Peri arthritis shoulder etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of Lumber Pain etiology pathogenesis differentiation & analysis, treatment & remarks.

Unit 3: Diagnosis and treatment of Gynecological Disease

Sub-Unit 1: Clinical features & treatment of Gynecological diseases

- Give general introduction of Gynecological disease.
- Describe general introduction of Dysmenorrhoea etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Describe the general introduction of irregular menstruation etiology, pathogenesis differentiation & analysis, treatment & remarks.

- Explain general introduction of Amenorrhoea etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of Leukorrhoea etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of prolonged our etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of Malposition of fetus etiology pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of morning sickness etiology pathogenesis differentiation & analysis, treatment & remarks.

Unit 4: Diagnosis and treat Pediatric Disease

Sub-Unit 1: Clinical features & treatment of Pediatric disease

- Give general introduction of Pediatric disease.
- Explain general introduction of infantile convulsion etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of infantile paralysis etiology pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of nocturnal enuresis etiology, pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of nocturnal mumps etiology, pathogenesis, differentiation & analysis, treatment & remarks.

Unit 5: Diagnosis and treat skin disease

Sub-Unit 1: Clinical features & treatment of Skin disease

- Give general introduction of Skin disease.
- Explain general introduction of Erysipelas, etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of Eczema etiology pathogenesis differentiation & analysis, treatment & remarks.

Unit 6: Diagnosis treat Enderine disease

Sub-Unit 1: Clinical features & treatment of Endocrine disease

- Give general introduction of Endocrine disease.
- Explain about general introduction of Diabetes mellitus, etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Goiter etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of Obesity of endocrine origin, etiology pathogenesis, differentiation & analysis, treatment & remarks.

Unit 7: Diagnosis and treat Urino genital system

Sub-Unit 1: Clinical features & treatment of Urino Genital System

- Give general introduction of Urino genital system.
- Explain general introduction of Edema etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Describe general introduction of impotence etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of retention of Urine etiology pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of Nocturnal enuresis etiology, pathogenesis differentiation & analysis, treatment & remarks.

Unit 8: Diagnosis/ treat ENT Disease

Sub-Unit 1: Clinical features & treatment of ENT disease

- General introduction of ENT disease.
- Explain about general introduction of deafness and tinnitus pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Rhinitis pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Otagia pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of sinusitis etiology pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of Epistaxis pathogenesis, differentiation & analysis, treatment & remarks.

Unit 9: Diagnosis treat Eye Disease

Sub-Unit 1: Clinical features & treatment of Eye

- General introduction of Eye disease.
- Explain about general introduction of Myopia pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Optic atrophy pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Retinitis pigmentosa pathogenesis, differentiation & analysis, treatment & remarks.
- Explain general introduction of color blindness pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of dropping of eyelid etiology pathogenesis differentiation & analysis, treatment & remarks.

Unit 10: Diagnosis / treat Drug & other addictions disease

Sub-Unit 1: Clinical features & treatment of Drug and other addictions

- Give general introduction of Drug & other addictions.
- Explain about general introduction of Drug addiction, etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain about general introduction of Alcohol, addiction, etiology, pathogenesis differentiation & analysis, treatment & remarks.
- Explain general introduction of smoking addiction of etiology pathogenesis, differentiation & analysis, treatment & remarks.

Acupuncture & moxibustion Therapeutic II

Practical

Unit 1: Diagnosis and treatment of Cardio Vascular system

Sub Unit: 1 Clinical features & treatment of the disease of Cardio Vascular system..

- Give general introduction of Cardio Vascular system.
- Check patient and find out the sign & symptoms of Palpitation and treat it using acupoints.
- Check patient and find out the sign & symptoms of high blood pressure and treat it using acupoints.
- Check patient and find out the sign & symptoms of low blood pressure and treat it using acupoints.

Unit 2: Diagnosis and treat Disuse of Locomotors system

Sub-Unit 1: Clinical features & treatment disease Locomotors System

- Give general introduction of locomotor system.
- Check patient and find out the sign & symptoms of bi syndrome and treat it using acupoints.
- Check patient and find out the sign & symptoms of Torticollis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Peri arthritis of shoulder and treat it using acupoints.
- Check patient and find out the sign & symptoms of Lumber pain and treat it using acupoints.

Unit 3: Diagnosis and treat Gynecological Disease

Sub-Unit 1: Clinical features & treatment of Gynecological diseases

- Give general introduction of Gynecological disease.
- Check patient and find out the sign & symptoms of irregular menstruation and treat it using acupoints.
- Check patient and find out the sign & symptoms of Dysmenorrhoea and treat it using acupoints.
- Check patient and find out the sign & symptoms of Amenorrhoea and treat it using acupoints.
- of Uterine bleeding and treat it using acupoints.
- Check patient and find out the sign & symptoms of Leukorrhoea and treat it using acupoints.
- Check patient and find out the sign & symptoms of prolonged labour and treat it using acupoints.
- Check patient and find out the sign & symptoms of Malposition of fetus and treat it using acupoints.
- Check patient and find out the sign & symptoms of Prolapse of Uterus pain and treat it using acupoints.
- Check patient and find out the sign & symptoms of morning sickness, and treat it using acupoints.

Unit 4: Diagnosis and treat Pediatric Disease

Sub-Unit 1: Clinical features & treatment of Pediatric disease

- Give general introduction of Pediatric disease.

- Check patient and find out the sign & symptoms of infantile diarrhea, and treat it using acupoints.
- Check patient and find out the sign & symptoms of infantile malnutrition and treat it using acupoints.
- Check patient and find out the sign & symptoms, treatment & infantile convulsion marks.
- Check patient and find out the sign & symptoms of infantile paralysis and treat it using acupoints.
- Check patient and find out the sign & symptoms of nocturnal enuresis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Mumps and treat it using acupoints.

Unit 5: Diagnosis and treat skin disease

Sub-Unit 1: Clinical features & treatment of Skin disease

- Give general introduction of Skin disease.
- Check patient and find out the sign & symptoms of Erysipelas, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Herpes zoster and treat it using acupoints.
- Check patient and find out the sign & symptoms of Urticaria pathogenesis, and and treat it using acupoints.
- Check patient and find out the sign & symptoms of Eczema and treat it using acupoints.
- Check patient and find out the sign & symptoms of Furunculosis and treat it using acupoints

Unit 6: Diagnosis treat Enderine disease

Sub-Unit 1: Clinical features & treatment of Endocrine disease

- Give general introduction of Endocrine disease.
- Check patient and find out the sign & symptoms of Diabetes mellitus, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Goiter and treat it using acupoints.
- Check patient and find out the sign & symptoms of Obesity of and treat it using acupoints

Unit 7: Diagnosis and treat Urino genital system

Sub-Unit 1: Clinical features & treatment of Urino Genital System

- Give general introduction of Urino genital system.
- Check patient and find out the sign & symptoms of Edema and treat it using acupoints.
- Check patient and find out the sign & symptoms of impotence and treat it using acupoints.
- Check patient and find out the sign & symptoms of Urinary disturbance and treat it using acupoints.
- Check patient and find out the sign & symptoms of retention of Urine and treat it using acupoints.
- Check patient and find out the sign & symptoms of Nocturnal enuresis and treat it using acupoints

Unit 8: Diagnosis/ treat ENT Disease

Sub-Unit 1: Clinical features & treatment of ENT disease

- Give General introduction of ENT disease.
- Check patient and find out the sign & symptoms of deafness and tinnitus and treat it using acupoints.
- Check patient and find out the sign & symptoms of Rhinitis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Otagia and treat it using acupoints.
- Check patient and find out the sign & symptoms of sinusitis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Epistaxis and treat it using acupoints.

Unit 9: Diagnosis treat Eye Disease

Sub-Unit 1: Clinical features & treatment of Eye

- Give general introduction of Eye disease.
- Check patient and find out the sign & symptoms of Myopia and treat it using acupoints.
- Check patient and find out the sign & symptoms of Optic atrophy and treat it using acupoints.
- Check patient and find out the sign & symptoms of Retinitis pigmentosa and treat it using acupoints.
- Check patient and find out the sign & symptoms of color blindness and treat it using acupoints.
- Check patient and find out the sign & symptoms of Dacryocystitis and treat it using acupoints.
- Check patient and find out the sign & symptoms of dropping of eyelid and treat it using acupoints.
- Check patient and find out the sign & symptoms of Hordeolum and treat it using acupoints.
- Check patient and find out the sign & symptoms of conjunctivitis and treat it using acupoints.
- Check patient and find out the sign & symptoms of Cataract and treat it using acupoints.
- Check patient and find out the sign & symptoms of Glaucoma and treat it using acupoints

Unit 10: Diagnosis / treat Drug & other addictions disease

Sub-Unit 1: Clinical features & treatment of Drug and other addictions

- Give general introduction of Drug & other addictions.
- Check patient and find out the sign & symptoms of Drug addiction, and treat it using acupoints.
- Check patient and find out the sign & symptoms of Alcohol, addiction, and treat it using acupoints.
- Check patient and find out the sign & symptoms of smoking and treat it using acupoints.

Health Care Systems and Health Management

Total Hours: 156 hrs (4 hrs/week)

Theory: 117 hrs (3 hrs/week)

Practical: 39 hrs (1 hrs/week)

Course Description

This course is designed to provide the students knowledge and skill about the health care systems and health management in Nepal. It deals about the prevalent health care systems, health policies and programs in Nepal, fundamental principles of management, management of health related organizations, logistic management, personnel management, health issues and professional practice.

Course objectives:

On completion of the course the student will be able to:

- Define health care system, identify prevalent health care systems in Nepal, explain the theories, principles & components of health care systems and develop managerial skill in health care.
- Identify current national and international health issues; describe the national health policy, its philosophy, strengths and weaknesses.
- Explain various health programs of the Departments of AAM and Health Services.
- Apply the principles of logistics management, human resource management and supervision, provide quality health service at AAM dispensaries and manage AAM dispensaries/health center in the real setting.
- Identify, generate and use informations (service information, logistic information, human resource information and financial information) in health management, planning and decision making process.
- Identify different levels of health manpower and describe the functions of prevalent teaching/learning institutions in Nepal.
- Describe goals and functions of the health related governmental organizations, non-governmental organizations (NGO's), international non-governmental organizations (INGO's) and international agencies in Nepal.
- Define decentralization and local governance; explain the code of ethics of the certificate level manpower of Ayurveda.

Theory

Unit-1: Health Care Systems in Nepal:

- Define health care system, describe the history, cultural values and development legend of health care systems in Nepal.
- Define and describe the philosophy, origin, strengths and weaknesses of the following health care systems in Nepal:
Ayurveda, Allopathy, Homeopathy, Unani,
Acupuncture, Naturopathy, Yoga\Meditation, Amchi and
Other traditionally used healing systems.
- Identify situations when the most appropriate type of treatment might be any one or the combination of two or more of the above systems.

Unit- 2: Fundamentals of Health Management:

- Define health management, describe the concepts of management versus administration and explain the POSDCORB function of management in the AAM dispensary context.
- Define planning, describe types of planning, planning cycle (PIE cycle), planning steps and current health planning system of Nepal.
- Define organogram, describe different types of organizations and organograms of Ministry of Health and Population, Department of Ayurveda, Department of Health Services, Regional Health Directorate, Zonal Ay. Dispensary, District AAM Health Centre, District Public Health Office, Primary Health Care Centre, AAM Dispensary, Health post, Sub-health post.
- Define leadership, describe the types of leadership, responsibility of the leader as role model, theories of motivation and change, the principles of management by policy.
- Define the purpose of job description, describe the essential elements of job description, delegation of authority and its process, staffing patterns of department of Ayurveda, AAM hospitals and other Ayurveda/health institutions of government of Nepal.
- Define supervision, monitoring, evaluation and coordination, describe the purposes, types, component tools, methods, and process/techniques of supervision, monitoring, evaluation and coordination in different level of AAM institutions.
- Define disaster, describe the effects of man made and natural disaster, risks to public health created by the disasters and war, awareness about earthquake, flood, landslide etc., basic elements of disaster planning, role of governmental, non-governmental, local, regional, national, international organizations and civil society in disaster management and post-disaster issues.
- Define reporting, describe the characteristics and techniques of report writing, reporting process of Nepal's health delivery system, the purpose of dispensary reporting in AAM institutions.
- Define budgeting and identify different types of budgets.

Unit- 3: AAM Dispensary Management:

- Describe the components, terms, responsibilities and importance of AAM dispensary management committee.
- Define training, describe the purpose and the process for assessing the need for training (TNA), types of training with advantage and disadvantages of each type of training, planning, conducting & evaluation of training program.
- Define staff meeting, describe its importance and planning date, time, venue, participants, resources and invitation, procedures for conducting/organizing a meeting.
- Describe the purpose and procedures for financial management, records of income and expenditure, annual budget, bank account, prepare monthly/quarterly and annual financial statements.
- Define different types of employee leaves, describe the procedure for making a request for leave, approval of staff leave and maintaining the records of staff leave.
- Define logistic management, describe the purpose, functions, logistic cycle and Six” rights of the logistic management, components & procedures of Nepal’s LMIS.
- Define storage and store standard, describe the purpose of inventory, goals and procedures of physical inventory, classifications and selection of raw materials, processing materials and equipment, management of essential drugs, vaccines and

contraceptives, procedures for procurement and distribution of commodities, cold chain storage of medical supplies.

- Define quality assurance, describe the followings regarding quality assurance: components, concepts, rationale, importance and standards of quality health care
 - Importance of technical competence, efficient service, accessible site, good interpersonal relationships, good continuity of services, safe and pleasant environment
 - Process of quality assurance, patient/staff needs, performance, reality and team approach.
- Describe the purposes and benefits of regular staff performance evaluations, importance of writing a clear and complete staff job description, job assignment, indicators of a good job performance.
- Describe the workspace required for various AAM dispensary activities, strategies for management of activities and ways to arrange space as per activities.
- Define Time management; describe the concept of time management and calender of operation, preparation of program chart with weekly, monthly, quarterly and yearly timetable for various activities.
- Identify different types of letters and describe the characteristics of correct & effective letters.
- Define problem and problem solving, describe steps of problem solving,
- Define Health Management Information System (HMIS), describe the purpose, process, types, importance and the use of the monthly, quarterly and annual HMIS records and reports.

Unit- 4: Health Related Organizations:

- Identify National NGOS like FPAN, Nepal Netrajyoti Sangh, Leprosy relief association and others, describe roles & activities of national non-governmental organizations for promoting health care.
- Identify international non-governmental organizations (INGO's) like SCF (US), SCF (UK), CARE Nepal, PLAN Nepal, describe the roles & activities of INGO's for promoting health care in Nepal.
- Identify WHO, UNICEF, UNDP, World Bank, DFID, UNFPA and FAO, describe roles and activities of different bilateral and multilateral agencies in health sectors of Nepal.

Unit- 5: National Health Policy:

- Describe the aims and components of the National Health Policy, National AAM Health Policy 2052, current five-year plan and long term health plan.
- Identify the potential barriers of these goals & ways to overcome barriers.

Unit- 6: National Health Programs:

- Describe the and activities of the following national health programs:
Malaria control, FP and MCH, EPI, Tuberculosis control,
Leprosy control, CDD, ARI, Kala-azar,
STD/HIV/AIDS, FCHV, TBA, Community Drug (CDP),
PHC outreach clinic, Nutrition, IEC, Training and others.
- Describe the role of the Health Post manager in national health programs.

Unit- 7: Health Manpower in Nepal:

- Describe the purposes and activities of the various institutions involved in human resource development in health sector like:
 - Institute of Medicine- TU, CTEVT, Kathmandu University

- BPKIHS, National Health Training Center (NHTC) and others.
- Identify the different existing human resource for health in Nepal: AAM medical officer, Medical doctor, Public health worker, AAM health assistant, Health assistant, Staff nurse, Lab. technologist, Radiographer, Auxiliary AAM workers, Auxiliary nurse midwife, Auxiliary health worker and others.
- Define job description, describe the role & responsibilities of each staff at DAHC & AAM dispensary.

Unit- 8: Health Issues & Professional Practice

- Describe the global health situation, identify current global health issues, mortality from infectious diseases & nutritional problems in developing nations, major health problems of the first world.
- Describe the barriers to the development of global health throughout the world, global efforts to improve the health and nutrition of developing nations.
- Identify the most important health issues of Nepal, compare the last 20 years' health situation and analyze the reasons for differences and measures made to correct them, positive & negative effects of global events.
- Describe the formation, activities & functions of Nepal AAM Medical Council and NHPC, the purpose of a code of conduct, the code of conduct for AAM health assistant.
- Describe the goals and process of small business establishment for community welfare, business opportunities to meet community needs, ethical considerations of entrepreneurship and role of Health post manager.

Practical

Unit- 1: Fundamentals of Health management:

- Prepare organograms of Ministry of Health and Population, Department of Ayurveda, Department of Health Services, Regional Health Directorate, Zonal Ay. Dispensary, District AAM Health Centre, District Public Health Office, Primary Health Care Centre, AAM Dispensary, Health post, Sub-health post.

Unit- 2: AAM Dispensary Management:

- Conducting/organize staff meeting
- Prepare monthly/quarterly and annual financial statements.
- Practise to write selected official letters used in government AAM dispensary.

Unit- 3: Health Related Organizations:

- Prepare list of health related organizations

Unit 4: Develop & Use a Format for Data Collection and Documentation of the Following Local Resources/ Area by Field Study and Submit/Prepare the Report:

- Traditional healers and other human resources,
- Locally available herbs,
- Food & nutritional supplements,
- Life style and health practices,
- School health.

Unit 5: Discuss About the Purpose, Process, Types, and Importance of HMIS Recording and Reporting. Practise to Fill/Use Different Formats of Currently Used HMIS Reports.

Reference Books:

1. Quest for Health, Dr. Hemang Dixit, Educational Enterprises, Kathmandu, Nepal.
2. Health Management, Y. P. Pradhananga, CTEVT, Bhaktapur
3. Health and Health Services in Nepal, Y. P. Pradhananga.
4. Leadership & Management for Nurses, Kamala T. & Bishnu R., Health Learning Materials Centre, TU.
5. Documents of National Health Policy, Nepal AAM Health Policy, Drug Policy and Acts, Treatment protocols & Guidelines.
6. Health Service Acts and Regulations, different Health Council Acts and Regulations
7. On Being Incharge, A guide to Management in Primary Health Care: Macmohan R. et al. WHO.
8. व्यवस्थापन परिचय, विश्वेश्वरमान श्रेष्ठ ।

Community Medicine

Total Hours: 156 hrs (4 hrs/week)

Theory: 117 hrs (3 hrs/week)

Practical: 39 hrs (1 hr/week)

Course Description:

This course is designed to provide students the skill and knowledge about preventive and curative treatment of infectious diseases.

Course Objectives:

After completion of the course student will be able to:

- Explain the environment and scope of health.
- Explain the concept of diseases.
- Identify the etiology, pathology, clinical features and management of common communicable and non-communicable disease.
- Explain the management and counseling for mental illness and drug-abuse.

Theory

Unit- 1: Introduction to Community Health:

- Define and explain the meaning of health, describe the concept of health and disease, scope of personal and social health, dimension, determinants and indicators of health.
- Explain the spectrum of disease, community and social medicine.
- Define and explain Janapadodhdwamsa.
- Explain the importance of pure drinking water, explain water purification methods.
- Describe the types of latrine and excreta disposal.

Unit- 2: Concept of Disease:

- Define the term disease and state the concept of disease control in brief.
- Enlist the diseases/health problems that are under the control, elimination, eradication and surveillance of Nepal government's current health programme.
- State the general principles for control of communicable and non communicable diseases.

Unit- 3: Describe and Classify the Aetiology, Mode of Transmission, Incubation Period, Cardinal Signs, Clinical Features, Investigation, Differential Diagnosis, Management, Complications & Preventive Measures of the Following Communicable Diseases:

Enteric fever,	Fillariasis,	Giardiasis,	Worm infestation,
Cholera,	Infectious Hepatitis,	Food poisoning,	Poliomyelitis,
Malaria,	Kala-azar,	Japanese encephalitis,	Brucellosis,
Rabies,	Influenza,	Tuberculosis,	Leprosy,
Mumps,	German measles,	Small pox,	Chicken pox,
Measles,	Tetanus,	Whooping cough,	Diphtheria,
Meningitis,	Dangue fever,	Bird flue,	STD,
SARS,	HIV/AIDS.		

Unit-4: Describe the Aetiology, Clinical Features, Differential Ddiagnosis, Investigations, Complications, Management and Prevention of the Following Non-Communicable Diseases:

- Hypertension, Semi-cardiac disease, Cancer, Diabetes and Obesity.

Unit- 5: Mental Health and Drug:

- Define mental illness, describe the common mental problems in Nepal and management of mental disorder.
- Define "Drug Abuse" with example, describe the diagnosis and management of drug abuse.

Practical

Unit-1: Community Health:

- Perform following methods of water purification:
 - Filtration,
 - Chlorination
 - Boiling and
 - Bleaching.
- Observe wastes disposal method and dumping site.

Unit-2: Communicable Diseases

- Observe & examine 5 emergency cases in infections disease hospital.
- Observe & asses 5 common OPD and IPD cases in infection disease hospital.
- Observe and perform S/C, I/V, I/M method of injection.
- Observe & perform collection of sputum, AFB stain and DOT'S programme.
- Identify the cardinal sign of leprosy and asses MDT.

Unit-3: Mental health and Drug Abuse:

- Observe 5 mental disorder cases in mental hospital.
- Observe drug abuse cases and rehabilitation centre.

Reference Books:

1. Preventive & Social Medicine, K. Park (Dr. John Everett Park), M/s Banarasidas Bhanot Publisher, India.
2. Text Book of Medicine, S. Dhungel & U. Pathak, Educational Enterprises, Kathmandu, Nepal.
3. Infectious Diseases, S. Dhungel & U. Pathak, Educational Enterprises, Kathmandu, Nepal.
4. Annual Reports, Department of Health Services, MoHP, Kathmandu, Nepal.

Community Field Practice

(HP, PHC & community settings)

Total Hours: 156 hrs (4 weeks-40 hrs/week)

Theory: 0 hrs (0 hrs/week)

Practical: 156 hrs (4 weeks-40 hrs/week)

On completion of this course the student will be able to:

1. Perform following methods of water purification:
Filtration, Chlorination, Boiling and Bleaching
2. Observe wastes disposal method and dumping site
3. Observe and examine 5 emergency cases in infection disease hospital
4. Observe and examine 5 common OPD and IPD cases in infection disease hospital
5. Observe and perform S/C, I/V, I/M method of injection
6. Observe and perform collection of sputum, AFB stain and DOT'S programme
7. Identify the cardinal sign of leprosy and assess MDT
8. Observe 5 mental disorder cases in mental hospital
9. Observe drug abuse cases and rehabilitation centre

Clinical Practice

(Hospital setting)

Total Hours: 234 hrs (6 weeks-40 hrs/week)

Theory: 0 hrs (0 hrs/week)

Practical: 234 hrs (6 weeks-40 hrs/week)

Objectives:

Upon completion of the program the student will be able to:

1. Take precaution while collecting the moxa plant
2. Performs moxa packing and transportation
3. Take precaution during packing and transportation of Moxa
4. Identify the location of the point from twelve regular Meridian methods of puncture and regional anatomy
5. Identify the location of DU, Ren Meridian and extraordinary point methods of puncture and regional anatomy
6. Identify the location of five shu points and its utility
7. Identify the location of Yuan-primarpoints & its utility
8. Identify the location of Luo-connecting points & its utility
9. Identify the location of XI-cleft points and its utility
10. Identify the location of back shu point & its importance
11. Identify the location of front mu points & its importance
12. Diagnose the disease according to the color (Red, pale, yellow, blue, dark gray, iustrous and moist complexion)
13. Diagnose the disease according to the appearance
14. Diagnose the disease according to the observation of the tongue
15. Diagnose the disease according to the absence or presence of sweat, sweat during sleep, spotaneous sweating and profuse sweating.
16. Diagnose the disease according to indication of poor appetite, loss of appetite, excessive appetite, lack of thirst, presence of thirst, bitter taste sweetish and greasy taste, sour taste in mouth, lack of taste in mouth.
17. Diagnose of diseases according to nature of pain, location with pain with their indications.
18. Palpate and differentiate normal and abnormal pulse in depth, speech, strength, shape and rhythm.
19. Diagnose the disease according to deficiency and excess syndrome.
20. Diagnose the disease according to yin and yang.
21. Diagnose the disease according to deficiency of blood, stagenation of blood, heat in the blood.
22. Take case history and perform acupressure and oriental massage of body.
23. Ckeck patient, find out sign and symptoms of different disease.
24. Treat disease using acupoints with reinforcing, reducing, warming, clearing, ascending and descending methods.
25. Handle microscope.
26. Observe slides.
27. Carry out urine test/sugar test.
28. Determine blood group.
29. Take blood sample.
30. Perform routing examination of blood.
31. Take case history of patient.
32. Perform general examination.
33. Perform systemetic examination of the sense organs (eye, ear, nose and skin).

34. Diagnose and treat communicable diseases.
35. Diagnose and treat non communicable diseases.
36. Process moxa.
37. Make moxa stick.
38. List out the method of applying or using moxa.
39. Point out the precaution during applying method.
40. Manage possible accidents of acupuncture.
41. Perform needling practices.
42. Sterilize instruments and needles.
43. Apply moxa on point.
44. Manage possible accidents of moxibustion.
45. Perform cupping on proper part of body.