

**POST GRADUATE CERTIFICATE COURSES**  
**(Distance Learning CME Programmes)**

***INFORMATION BROCHURE***

**&**

***ENROLLMENT FORM***

**IMA AKN SINHA INSTITUTE**



**(A WING OF IMA HEADQUARTER, NEW DELHI)**

**OF CONTINUING MEDICAL & HEALTH EDUCATION AND RESEARCH**

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# BASIC INFORMATION

## **Introduction:**

IMA AKN Sinha Institute of Continuing Medical & Health Education and Research was established by a resolution of the Central Council of Indian Medical Association with the main objectives of imparting Continuing Medical and Health Education, conducting Research and organizing Certificate Courses for medical graduates.

## **Objectives of Institute:**

- To plan and conduct Post Graduate Certificate Courses for Medical Graduates in the modern system of medicine.
- Conduct, encourage & support research projects in medical field.
- To fulfill the academic needs of the profession by taking steps to make it a deemed university.

## **Collaboration:**

Different courses are prepared in collaboration with various national and international organizations like Ministry of Health & Family Welfare, National / Human Rights Commission, UNICEF, USAID, WHO etc.

## **Course Preparation:**

This is done by trained faculty / qualified resource persons and other experts in their respective fields.

## **Concept:**

Because of their busy schedules doctors in practice cannot complete regular post graduate courses. The problems much more for those, who reside in distant towns and villages.

Distance learning courses have specially been designed for them so that they can learn and appear in the examinations while doing their practice.

## **Mode of courses:**

All the courses being conducted by the Institute are through distance learning. The system is learner oriented.

# COURSES THROUGH POSTAL MODE

## **Eligibility:**

Any medical graduate who has done MBBS or higher degree recognized by Medical Council of India, through any recognized university is eligible to enroll in the course.

## **Enrolment:**

On receipt of enrolment form along with requisite fee, the participant is enrolled and allotted an enrolment number. A receipt is issued and mailed to the participant usually within 4 to 6 weeks of receiving the complete form with requisite fee.

The Institute allows the participant to simultaneously enroll in more than one course.

However, it is in the interest of participant to complete various courses one by one.

## **Study material:**

The course material is sent to the participant in one dispatch consisting of modules/chapters. Dispatch of material usually takes 2-3 months. Participants are therefore, advised to contact the Institute only after three months of enrolment in case of any query related to delivery of course material.

The number of dispatches and modules/chapters may vary from course to course. The participants after receiving the dispatch are required to study the material and send the post test questionnaires duly completed to the Institute.

## **Post-test / Pre- test:**

The course material includes some Multiple Choice Questions related to that Module are sent as Post-test / Pre-Test to the participants and accompanied with the receipt of the course. Participants have to send these Post-test / Pre-test duly answered back to the Institute.

The same set of Questions as in the Pre-Test are sent as Post-Test along with modules. Participants have to send these post-test duly answered in a stamped envelope. The Post tests to assess the level of benefit.

## **Completion of courses:**

When all the duly answered Post-Test questionnaires are received by the Institute, and the Institute is satisfied with the performance of the participants, the participant is declared to have successfully completed the course and a Certificate is awarded from the Institute at the end of the Course. He/She is certified as a Counselor in the particular course completed by him/her.

## **Award of certificate:**

Every doctor who successfully completes in the course is awarded a certificate, certifying successful completion of the course. The certificate also mentions the credit hours earned by the doctor in completing the course.

**Duration of courses:**

Minimum duration to complete the course is 6 months and maximum recommended duration is 2 years.

**Practical trainings:**

At present there is no system of contact classes.

**Contact sessions:**

Or any practical session which participant has to attend.

**Recognition/Affiliations:**

The Post Graduate Certificate Courses being conducted by the Institute are recognized by Indian Medical Association. There is no formal affiliation/ recognition from Medical Council or any other University as on date for these courses. However, the institute is in communication with various universities including Medical Council of India and National Institute of Open Schooling for getting the recognition / affiliation / accreditation.

**Purpose:**

The Post Graduate Certificate Courses are meant for Registered Medical Practitioners in modern system of medicine possessing MBBS degree through a recognized University. The purpose of the courses is to make the participant well equipped with the subject considering the modern day advances and enhancement of his/her skills so that he/she can do better in his/her practice. The main aim of the course is to help the participant in better health care delivery for his/her patients. The idea of Institute is not to perform the role of medical colleges or to compete with them. In fact taking into consideration the growing needs of the practicing physicians, the courses will definitely be of the help in better delivery of health care to the patients.

**COURSES OFFERED**

- |   |  |
|---|--|
| ➤ <b>Family Planning</b>                | ➤ <b>Tuberculosis &amp; Chest Diseases</b> |
| ➤ <b>Lactation Management</b>           | ➤ <b>Reproductive &amp; Child Health</b>   |
| ➤ <b>Torture Medicine</b>               | ➤ <b>Medical Negligence &amp; CPA</b>      |
| ➤ <b>Adolescent Health</b>              | ➤ <b>Psychiatry &amp; Sexual Medicine</b>  |
| ➤ <b>Pediatrics</b>                     | ➤ <b>Clinical Cardiology</b>               |
| ➤ <b>HIV/AIDS &amp; STDs Management</b> | ➤ <b>Clinical Diabetes</b>                 |
| ➤ <b>Geriatric Medicine</b>             | ➤ <b>Rheumatology</b>                      |
| ➤ <b>Environment &amp; Occ.Health</b>   | ➤ <b>Radiology (Radio-Diagnosis)</b>       |

**Course Fee:**

- The present Course fee which includes GST, registration fee, cost of study material, postages and other incidental expenses is mentioned in the Schedule of Fees at the end of this Brochure. The amount should be sent only by a **Demand Draft favoring “IMA AKN SINHA INSTITUTE” payable at Patna.**
- Complete course fee is to be paid in advance in a single installment.
- Fees paid one course shall not be adjusted for other course.

**Medium of Instruction:**

Medium of Instruction is English only

**Credit System:**

Institute awards credit hours to various courses depending upon the efforts to be put it to successfully complete a course by an average participant.

The courses have been granted CME Credit hours as given below:-

	<b><u>Credit Hours</u></b>
➤ <b>Family Planning</b>	<b>110</b>
➤ <b>Lactation Management</b>	<b>90</b>
➤ <b>Torture Medicine</b>	<b>85</b>
➤ <b>Adolescent Health</b>	<b>75</b>
➤ <b>Pediatrics</b>	<b>180</b>
➤ <b>Medical Negligence &amp; CPA</b>	<b>45</b>
➤ <b>Clinical Cardiology</b>	<b>100</b>
➤ <b>Rheumatology</b>	<b>100</b>
➤ <b>HIV/AIDS</b>	<b>135</b>
➤ <b>Geriatric Medicine</b>	<b>190</b>
➤ <b>Environment &amp; Occ.Health</b>	<b>150</b>
➤ <b>Tuberculosis &amp; Chest Diseases</b>	<b>100</b>
➤ <b>Reproductive &amp; Child Health</b>	<b>80</b>
➤ <b>Psychiatry &amp; Sexual Medicine</b>	<b>100</b>
➤ <b>Clinical Diabetes</b>	<b>100</b>
➤ <b>Radiology (Radio-Diagnosis)</b>	<b>100</b>

# **DETAILS OF THE COURSES OFFERED**

## **1. POST GRADUATE CERTIFICATE COURSE IN FAMILY PLANNING**

### **The need:**

Family Planning is of utmost importance today in India and requires active promotion by all doctors providing private healthcare services is a must.

### **Benefits of the course:**

Enhanced status of participating doctors by becoming known as an authoritative source of valuable family planning information thus acquiring new respect from their patients, members of local community and fellow professionals.

Increased opportunities for growth due to being identified as high quality service providers, with the increased knowledge and skills. This attracts clients, which means more revenue and more opportunities to serve the clients over all health needs.

Can run specialized Family Welfare Clinics and provide Counseling to their patients.

### **Course Contents:**

The Course consists of 10 modules dedicated to imparting knowledge on the subject:-

1. Family Planning in the context of Family Welfare
2. Oral Contraceptive Pills
3. Voluntary Sterilization (VS)
4. Lactation Amenorrhea Method
5. Condoms
6. Inject able
7. Implants
8. Intrauterine Device (IUD)
9. Sexually Transmitted Diseases Including HIV/ AIDS
10. Post-Abortion Care.

## **2. POST GRADUATE CERTIFICATE COURSE IN LACTATION MANAGEMENT**

### **The need:**

Knowledgeable health professionals trained in Lactation Management are needed to help in management of breast-feeding and provide skilled assistance to mothers to be successful in breast-feeding and infant feeding.

### **Benefits of the course:**

The person who completes this course becomes a lactation management counselor and gets a certificate. He/She:-

- can run a Lactation Management clinic.
- can become an assessor of Baby Friendly Hospitals.
- can become a resource person for activities of Baby Friendly Health Initiative (BFHI) and other NGOs.
- Improves his/her image in the society.

### **Course Contents:**

14 Modules make the complete Course:-

1. Introductory Modules
2. Why Breast-feeding works
3. How Breast-feeding works
4. Counseling Breast-feeding Mothers
5. Preparation for Breast-feeding
6. Positioning a Baby at the breast
7. Breast-feeding problems
8. Not enough Milk-Increasing Breast milk supply
9. Low Birth Weight & sick babies and Breast-feeding & Diarrhea
10. Special situations
11. Breast-feeding and Contraception
12. Hospital practices 10 steps to successful breast-feeding- How to change them?
13. Commercial promotion of Breast Milk Substitute, the Act, Monitoring and Reporting.
14. Assessing Baby Friendly Hospitals.



### 3. POST GRADUATE CERTIFICATE COURSE IN **TORTURE MEDICINE**

**The need:**

To develop specialists in Torture Medicine thereby providing support to the victims of torture.

**Benefits of the course:**

The person who completes this course:-

- can become a consultant for management of cases of torture and violence
- can run counseling center.
- can set up rehabilitation and counseling clinics.
- may be involved in training counselors at regional and state levels.
- may be nominated on Prison Committees by IMA and National Human Rights Commission.

**Course contents:**

The Course content is made up of 20 well conceived modules:-

1. TORTURE-Definitions, Purpose, Epidemiology and Methods
2. TORTURE-sign and symptoms
3. Post Traumatic Stress Disorder and Torture Syndrome
4. Examination Procedures and Diagnosis of Torture Survivors
5. The Multi Disciplinary Treatment
6. Psychotherapy for Torture Survivors
7. Physiotherapy for Torture Survivors
8. Nursing care for Torture Survivors
9. Children and Families of Torture Victims: Reactions and coping
10. Counseling
11. Description of counseling method
12. Rehabilitation center for Victims of Torture
13. Torture and Medical Ethics
14. Legal Aspects of Torture
15. Aspects of human rights concerning doctors
16. Why are tortures never punished
17. Domestic Violence-a facet of Torture
18. Standard minimum Rules for Treatment of Prisoners
19. Human Rights Enforcement Mechanisms-National and International
20. Conventions

## 4. POST GRADUATE CERTIFICATE COURSE IN **ADOLESCENT HEALTH**

### **The need:**

To provide enhanced information about health, development, attitudes and gender equity about adolescence.  
To provide counseling for healthy development, gender equity, healthy sexuality and reproductive behavior and relationship.

### **Benefits of the course:**

The person who completes this course

- becomes an Adolescent Health Consultant and gets a Certificate.
- can set up an Adolescent Management cum Counseling Clinic.
- can become a resource person for interlinking various youth activities in various fields.
- Improves his/her image in society and community.

### **Course contents:**

The Course Directors have toiled hard to bring out this Course in 15 Modules:-

1. Introduction
2. Growth and Development
3. Nutrition in Adolescence
4. Psychological & Emotional Development
5. Behavioral & Emotional problems
6. Common Medical Problems
7. Common Dental Problems
8. Sexually Transmitted Diseases
9. AIDS: Prevention and Counseling
10. Substance Abuse
11. Reproductive Health
12. Prevention of Diseases and Personal Hygiene
13. Role of Family in Adolescent Health Care
14. Sex Education
15. Exploitation and Violence against Adolescents.

## 5. POST GRADUATE CERTIFICATE COURSE IN **PAEDIATRICS**

### **The need:**

To provide the highest quality care to children and to ensure that children are healthy through preventive care and counseling of parents.

### **Benefits of the course:**

The physician who completes this course

- will be able to diagnose and treat the most frequent childhood illnesses.
- will be able to counsel parents about preventive measure to keep their children healthy.
- can become a resource person for NGOs and Groups working in child health.
- Will be a Family Paediatric Physician.

### **Course contents:**

The Course on Paediatrics will be completed in voluminous 32 modules:-

- |  |  |
|--|--|
| 1. Care of New Born                    | 18. Common Cardio-Vascular Problems            |
| 2. Neonatal Resuscitation              | 19. Hematological Problem                      |
| 3. Low Birth Weight Babies             | 20. Bleeding Disorders                         |
| 4. Common Neonatal Problems            | 21. Common Endocrine Problems                  |
| 5. Breast Feeding                      | 22. Childhood Developmental Disabilities       |
| 6. Complementary Feeding               | 23. Convulsions in Childhood                   |
| 7. Nutritional Disorders               | 24. Common Dental Problems                     |
| 8. Growth & Development                | 25. Common Psychiatry Problems                 |
| 9. Immunization                        | 26. Paediatric AIDS                            |
| 10. Common Bacterial and Viral Problem | 27. ENT and Eye Problems                       |
| 11. Approach to Febrile Child          | 28. Common Accidents and Poisoning in Children |
| 12. Pulmonary Tuberculosis in Children | 29. Common Ortho Problems                      |
| 13. Acute Respiratory Infections       | 30. Common Surgical Problems                   |
| 14. Bronchial Asthma                   | 31. Common Nephrological Problems              |
| 15. Diarrhea                           | 32. Common Dermatological Problems             |
| 16. ORT (Oral Rehydration Therapy)     |  |
| 17. Pain in Abdomen                    |  |

## 6. POST GRADUATE CERTIFICATE COURSE IN **HIV/AIDS & STDs MANAGEMENT**

### **The need**

The problem of HIV/AIDS and STDs is increasing at an alarming rate throughout the world. Doctors in near future may have to manage these cases in their clinics, nursing homes and hospitals effectively and efficiently so much so that they protect themselves from the infections and simultaneously provide adequate care to the affected ones.

### **Benefits of the course:**

- The person who successfully completes this course:-
- Can become a trained HIV/AIDS & STDs counselor
- Can better manage cases of HIV/AIDS & STDs at his/her work place.
- Can protect himself/herself from the infection by taking necessary precautions and protective measures.
- Can become a resource person on HIV/AIDS & STDs for other medical, para medical and non-medical individuals group and NGOs.

**Course Contents:** 27 modules make the complete set for this Course

1. Epidemiology of AIDS
2. Virology Course and Diagnosis
3. Lab. Investigation and Biosafety
4. Management of HIV/AIDS
5. Clinical Course and Diagnosis
6. Opportunistic infections
7. HIV/AIDS and Tuberculosis
8. Paediatrics AIDS
9. Preventions of HIV/AIDS
10. Counselling in HIV
11. Social impact of HIV/AIDS
12. Ethical and Legal issues in HIV/AIDS
13. NACP and Role of NGOs
14. Aids and Dentistry
15. Historical Aspects of STDs
16. Epidemiology with Spl. Reference to social factors.
17. Syndromic approach in treatment of STDs
18. STDs Producing Genital Ulcer
19. STDs Causing Vaginal Discharge
20. STDs Producing Lymphadenitis
21. STDs Producing Lower Abdominal Pain
22. STDs Producing Lower Abdominal Pain
23. Genital ulcers caused by Non STDs
24. Minor STDs and skin disorders affecting genitalia
25. Prevention and Control of STDs
26. Condoms
27. Sex Education

## 7. POST GRADUATE CERTIFICATE COURSE IN **GERIATRICS MEDICINE**

### **The need:**

The population of senior citizens in currently 88 million. We the medical men in this country have to cater to their needs pertaining to health. Although Medical Council of India has recommended to lay emphasis on training in Geriatrics with general medicine at undergraduate level but not much has come from universities. Then, the late inclusion of Geriatrics in the medical curriculum by MCI has led to a significant number of doctors in this country who had no formal training in Geriatrics.

With imminent explosion in Geriatrics Subset of population in early 21<sup>st</sup> Century it has become obligatory for both the Medical Educationist and Practitioners to acquire knowledge and skills of comprehensive health problems in the elderly population.

### **Benefits of the course:** The Course is designed:-

- To increase awareness among medicos about problems posed by geriatrics population.
- To enable Physicians to identify and treat various risk factors predating age associated changes in the body.
- To enable general physicians through appropriate knowledge and acquisition of skills to make an early diagnosis on how to include scientific treatment and management to the elderly.
- To be equipped to provide a comprehensive health care to elderly individual.
- To motivate every person to adopt healthy life style for active ageing.

### **Course contents:**

The latest Course comprising of 55 modules covers the following:-

#### **PART – 1 Introduction to Clinical Geriatrics**

- |                                |  |
|--------------------------------|--|
| 1. Introduction                | 4. Pharmacodynamics & Pharmacokinetics |
| 2. Path physiology of Ageing   | 5. Drug Interactions                   |
| 3. Approach to Elderly Patient | 6. Immunity and Aged                   |

#### **PART – 2 Medicine**

##### **Section 1 – Cardiovascular system**

- |                           |   |
|---------------------------|---|
| 7. Coronary Heart Disease | 10. Congestive Heart Failure                                |
| 8. Hypertension           | 11. Non-Pharmacological Treatment and Yoga in Heart Disease |
| 9. Cardiac Arrhythmias    |   |

##### **Section 2 – Respiratory**

- |                            |                    |
|----------------------------|--------------------|
| 12. Respiratory Infections | 15. Cor-Pulmonale  |
| 13. Bronchial Asthma       | 16. Breathlessness |
| 14. COPD                   | 17. Tuberculosis   |

##### **Section 3 – Gastrointestinal system**

- |                       |   |
|-----------------------|---|
| 18. Upper GI Bleeding | 20. Constipation                            |
| 19. Lower GI Bleeding | 21. Diseases of Gallbladder & Biliary Tract |

##### **Section 4 – Endocrinology**

- |                       |                  |
|-----------------------|------------------|
| 22. Thyroid Disorders | 24. Osteoporosis |
| 23. Diabetes Mellitus | 25. Andropause   |

### **Section 5 – Neurology & Psychiatry**

- 26. Stroke
- 27. Seizures
- 28. Neuropathies
- 29. Parkinson's Disease
- 30. Dementia
- 31. Cognitive Decline
- 32. Geriatric Psychiatry

### **Section 6 – Hemato-Oncology**

- 33. Anemia
- 34. Leukemia's
- 35. Geriatric Cancers

### **Section 7 – Nephrology**

- 36. Renal Problems

### **Section 8 – Skin & Sexuality**

- 37. Skin
- 38. Sexuality

### **PART – 3 Dental Problem**

- 39. ORO- Dental Problem

### **PART – 4 ENT & EYE**

- 40. ENT Problems
- 41. Ophthalmic Disorders

### **PART – 5 Musculoskeletal**

- 42. Arthropathies

### **PART – 6 Gyne. Problems**

- 43. Menopause
- 44. Hormone Replacement Therapy

### **PART – 7 Surgery**

- 45. Urogenital Problems
- 46. Surgery for Impotence

### **PART – 8 Social Problems**

- 47. Socio-Economical Problems
- 48. Law Pertaining to Elderly

### **PART – 9 Special Problems**

- 49. Weight loss
- 50. COMA
- 51. Syncope and Falls
- 52. Pyrexia of Unknown Origin
- 53. Nutrition Support
- 54. Pressure Sores
- 55. Sleep Disorders

## **8. POST GRADUATE CERTIFICATE COURSE IN ENVIRONMENTAL & OCCUPATIONAL HEALTH**

### **The need:**

The Occupational Hazards are increasing in the world. There is a need of awareness amongst the masses. The early detection, management and prevention of occupational diseases are essential to prevent catastrophe.

### **Benefits of the course:**

The physician who successfully completes this course.

- Can act as a counselor in treating Occupational disease.
- Can set up prevention & awareness clinics.
- Can train industrial workers
- Can guide industry owners

### **Course Contents:**

The entire course is covered in the following modules:-

#### **Basic in Occupational & Environmental Medicine**

- i. Overview of Environmental & Occupational Health
- ii. Epidemiology and Biostatistics
- iii. Ergonomics
- iv. Toxicology
- v. Industrial Hygiene
- vi. Food, Hygiene & Safety
- vii. Air Pollution

#### **Occupational and Environmental Diseases**

- i. Illness due to physical hazards at work
- ii. Illness due to psychosocial hazards at work
- iii. Occupational Lung Disease
- iv. Occupational Cancer
- v. Occupational Dermatoses
- vi. Occupational Musculo-skeletal Disorders

#### **Prevention & Control of Occupational & Environmental Illness**

- i. Guidelines for Occupational Health Services
- ii. Hospital Waster Management
- iii. Disaster Management
- iv. Aviation & Marine Medicine
- v. Pesticides & Human exposure

#### **Social & Legal Aspects**

- i. Child Labor
- ii. Women at work
- iii. Compensation and & disability criteria
- iv. Role of NGO's
- v. Industrial Law

## **9. POST GRADUATE CERTIFICATE COURSE IN TUBERCULOSIS & CHEST DISEASES**

### **The need:**

- a) To prevent Tuberculosis through better management of Tuberculosis through RNTCP
- b) To control incidence of Tuberculosis as it is declared a Global Emergency by WHO with impending HIV/AIDS outbreak.
- c) There is an alarming increase in pollution related respiratory disease, Bronchial Asthma, Chronic Obstructive airway disease & pneumonia etc.

### **Benefits of the course:**

The physicians who successfully completes this course:

- Can manage the cases of Tuberculosis and other chest related disease properly efficiently.
- Can participate in RTACP as NGO/Govt. organization.
- Can become a Coordinator and Trainer for Tuberculosis Control Programme.

### **Course contents:**

The following 13 modules make the complete set of course in Tuberculosis and Chest Diseases:-

1. Functional Anatomy of Respiratory System
2. Epidemiology of Tuberculosis
3. Microbiology of Tuberculosis basilli & hos. Response
4. Clinical Aspects of Tuberculosis
5. Management of Tuberculosis
6. National Tuberculosis Control Programme
7. Extra Pulmonary Tuberculosis
8. HIV & Tuberculosis and Tuberculosis in special situation.
9. Major Manifestations of Lung Disease
10. Respiratory Infections and Pneumonias
11. Obstructive Pulmonary Disease
12. Interstitial Lung Disease
13. Tropical Pulmonary Eosin Ophelia
14. Tumors of Bronchus & Lung
15. Disease of Pleura, Diaphragm & Chest Wall

### **Modules in Tuberculosis:**

1. Introduction
2. Microbiology & Immune Response
3. Clinical Aspects
4. Management of Tuberculosis
5. Revised National Tuberculosis Control Programme
6. Extra Pulmonary Tuberculosis
7. Tuberculosis in Special Situations

### **Modules in Chest Diseases:**

8. Functional Anatomy of Lungs and Special Investigations
9. Major Manifestations of Lung Diseases
10. Infections of Lungs
11. Obstructive Airway Diseases
12. Tumors and Mediastinum
13. Diseases of Pleura, Diaphragm & Chest Wall
14. Approach to interstitial lung diseases



## **10. POST GRADUATE CERTIFICATE COURSE IN REPRODUCTIVE & CHILD HEALTH**

### **The need:**

Reproductive and Child Health concepts have undergone a sea change following the paradigm shift in National population Policy towards a reproductive health approach. Medical practitioners will need to be aware of these qualitative aspects of RCH and be ably sensitized to integrate these RCH services in their existing work area, practice and education.

### **Benefits of the course:**

The persons who successfully completes this course:

- Can become a trained Reproductive Health Counselor
- Can provide better quality services in their work area
- Can provide better and enhanced family planning services
- Can use the learning in RCH principles and practice for an enhanced programme in primary health care.
- Can better understand the principles behind the government policy on population.

### **Course contents :**

The 16 modules of this course cover:-

- 1) Overview of RCH
- 2) Communication
- 3) Maternal Health
- 4) Child Health including neonatal care
- 5) RTI's/STDs
- 6) HIV/AIDS
- 7) Adolescent Reproductive Health
- 8) Family Planning and Parenthood
- 9) Contraception and abortion
- 10) Menstrual irregularities
- 11) Infertility
- 12) Problems of Older women
- 13) Gender issues and Male Sensitization
- 14) Sexual Health
- 15) RCH Services
- 16) Quality of Care

## **11. POST GRADUATE CERTIFICATE COURSE IN MEDICAL NEGLIGENCE & CONSUMER PROTECTION ACT (CPA)**

### **The need:**

CPA has forced the medical fraternity to be defensive in treating the patients. It is causing lot of problems to Doctors & to some extent patients. Doctor community has to go for no. of test which some time can be postponed in the interest of patient's pocket.

### **Benefits of the course:**

The entire intricacies are covered under a Course running into 15 Modules:-

1. Introduction about Consumer Protection Act, 1986.
2. Relevant Provisions relating to medical profession.
3. Enforcement Methodology.
4. Impacts of Supreme Court Judgment (1995)
5. Medical Ethics-Role of MCI and State Council.
6. Doctor-Patient Relationship and Charters.
7. Medical negligence
8. Communication and Consent
9. Medical Record Keeping
10. Civil laws relating to medical negligence.
11. Other laws relating to medical practice like MTP Act, Sex-Determination Act etc.
12. DO's and DON'Ts.
13. Important Case Studies.
14. Medical Liability: International Scene.
15. Medical Indemnity Insurance

## **12. POST GRADUATE CERTIFICATE COURSE IN PSYCHIATRY AND PSYCHO-SEXUAL MEDICINE**

### **The need:**

In day to day practice, Psychiatric problems are becoming very common in modern life. The symptoms of Anxiety, depression and sexual problems are very common in day to day practice. One feels shy of telling his/her problems. As far as sexual problems are concerned there is myth among general practitioner also. It is the need of time to update the doctors about these problems. The early detection and proper counseling plays the biggest role in the management of psychosexual problems.

### **Benefits of the course:**

The physician who successfully completes this course

- can act as a counselor in treating psychiatric and common Psychosexual problems.
- can work as Psychiatrist
- can start counseling center for sexual problems.
- can deliver lecture on sexual myths
- can deliver results with confidence

### **Course Contents:**

This course is covered in a total of following 21 modules:-

1. Sign & Symptoms and early identification
2. Organic Mental Disorder”, with special emphasis on Dementia and aging
3. Epilepsy
4. Substance abuse disorder
  - I. Alcohol & Nicotine
  - II. Other substance abuse including Heroin, benzodiazepine, cough syrups and inhalants etc.
5. Schizophrenia
6. Mood Disorder
7. Anxiety Disorder
8. Obsessive Compulsive Disorder
9. Conversion & dissociation disorder
10. Somatoform disorder
11. Behavioral disturbances in children” (with special emphasis on Enuresis, thumb sucking, M.R., ADHD, issue of adolescence, Early schooling)
12. Psychiatric disorders related to women
13. Sleep Disorder
14. Psycho [harmacology]
15. Normal Human Sexuality including Myths
16. Psychosexual dysfunction
17. Common sexual problems in clinical practice (Dhat Syndrome, Masturbation etc)
18. Gender Identify Disorder and disorder of sexual preference
19. Psychological consequences of STD & AIDS
20. Psychotherapeutic techniques in Clinical Practice
21. Psychiatric Emergencies

## **13. POST GRADUATE CERTIFICATE COURSE IN CLINICAL CARDIOLOGY**

### **The need:**

Heart disease and stroke are among the nations leading causes of death and major causes of disability. Cardiovascular diseases are killing more and more people around the world, striking rich and poor alike. Therefore need of the hour is to train more and more physicians at grass root level to prevent diagnose and treat heart diseases. The delay in diagnosing Cardiac illness is responsible for increase in mortality and morbidity.

The recent advances in treating coronary artery disease, heart failure, arrhythmias have revolutionized the treatment of above conditions.

### **Benefits of the course:**

The person who successfully completes this course:

- will train primary care physicians in diagnosing heart attacks, Rheumatic heart disease, heart failure etc.
- will make them aware of recent advances. will get an opportunity to serve the community and participate in continuing medical education.
- can identify and prevent patients with a history of Cardiovascular diseases in their inheritance from getting the disease.
- can use the learning in preventing and curing various other related diseases.
- can better their skills to manage heart patients and prospective heart patients well in their family practice.

### **Course contents:**

The 19 Modules of this Course cover:-

#### **Section I**

1. Rheumatic Fever
2. Echocardiography
3. Electrocardiography (ECG)
4. Special Investigations

#### **Section II**

5. Infective Endocarditic
6. Diagnosis and Management of Common Arrhythmias
7. Vascular Heart Disease

#### **Section III**

8. Systemic Arterial Hypertension
9. Heart Failure
10. Diabetes Mellitus and Heart Diseases
11. Coronary Heart Disease-Risk Factors

#### **Section IV**

12. Acute Coronary Syndrome
13. Approach to the patient with chest pain
14. Diagnosis & Management of Acute Myocardial Infarction

#### **Section V**

15. Coronary Angiography
16. Angioplasty
17. Coronary Artery Bypass Grafting (CABG)

#### **Section VI**

18. Anesthetic Considered in a patient with Cardiac Disease for non-cardiac surgery
19. Introduction to Cardiopulmonary Resuscitation.

## 14. POST GRADUATE CERTIFICATE COURSE IN **CLINICAL DIABETES**

### **The need:**

India is soon going to face an epidemic of a different kind. The rapid urbanization and lifestyle changes have heralded a new epidemic – the epidemic of diabetes and cardiovascular diseases. Every fifth patient visiting a consultant physician is a diabetic. There is growing trend towards metabolic syndrome. Nearly 50 % of Indian diabetics do not even know that they have diabetes and less than 50 % who know are treated adequately.

With the low priorities to health and low provisions in the budget, it is impossible for the government to provide even basic health care services to the ever increasing population in India. Therefore, IMA took up the task of imparting special education on diabetes to its doctors to somehow contain this epidemic. This clinical course is an attempt to train doctors to improve their skills in managing diabetes in their family practice.

### **Benefits of the course:**

The person who successfully completes this course:

- Can become a trained Diabetes Counselor.
- Can provide better quality services in their work area.
- Can identify and prevent patients with a history of Diabetes in their heritage from getting the disease.
- Can use the learning in preventing and curing various disease related to diabetes.
- Can better their skills to manage diabetes and prospective diabetics well in their family practice.

### **Course Contents:**

The 19 Modules of this course cover:-

1. Diabetes Mellitus
2. Management of Diabetes Mellitus
3. Oral Medication for Type 2 Diabetes
4. Insulin therapy in Type 2 Diabetes Insulin
5. Management of Type 1 Diabetes Mellitus
6. Hypoglycemia
7. Acute complications in Diabetes
8. Special problems in women with Diabetes
9. Diabetes in Pregnancy
10. Surgery in Diabetes
11. Arterial Hypertension in Diabetes
12. Diabetes Mellitus and Heart Diseases
13. Cerebrovascular Disease in Diabetes Mellitus
14. Peripheral Vascular Disease in Diabetes Mellitus
15. Eye Complication in Diabetes Mellitus & its management
- 15(a) Diabetic Neuropathy
16. Kidney Disease in Diabetes Mellitus
17. The skin in Diabetes Mellitus
18. Pancreatic Transplantation for the treatment of Diabetes in the new Millennium

# 15. POSTGRADATE CERTIFICATE COURSE IN **RHEUMATOLOGY**

## **The need:**

Medical Practitioners will need to be aware of this qualitative aspect of Rheumatology and be ably sensitized to integrate these Rheumatology services in their existing work area, practice and education.

## **Benefits of the course:**

The person who successfully completes this course:

- Can become a trained Rheumatology Counselor
- Can provide better quality services in their work area.
- Can use the learning in Rheumatology principles and practice for an enhanced programme in primary health care.
- Can better understand the principles behind the government policy on population.

## **Course Contents:**

The 25 modules of this Course Cover:

- 1. Introduction**
  - a. Inflammatory vs. non inflammatory joint disease;
  - b. Classification of Arthritides; Approach to History, examination and investigation of joint diseases.
- 2. Rheumatoid arthritis**  
Clinical spectrum of disease; Diagnosis; Overview of treatment
- 3. Spondyloarthropathies**  
Clinical spectrum of disease; Diagnosis Overview of treatment
- 4. The connective tissue disorders: CTDs (other than RA/SpA)**  
Introduction and brief overview of conditions
- 5. Systemic Lupus Erythematosus (SLE)**  
Presentation and clinical spectrum; Diagnosis; Overview of management
- 6. Vasculitis**  
Presentation and clinical spectrum. Overview of management
- 7. The CTDs: (PSS/ Scleroderma: Myositis/ IIM: MCTD)**  
Presentation and clinical spectrum. Overview of management
- 8. Juvenile Idiopathic Arthritis: JIA**  
Classification; Recognition; Overview of management
- 9. Low Back Pain**  
An Overview
- 10. Osteoporosis**  
Primary/steroid induced Osteoporosis; Management
- 11. Crystal Arthritis (Gout/Pseudo-Gout)**  
Brief classification; Management of Pseudo-gout; Gout
- 12. Osteoarthritis**  
Classification; Recognition; Medical management; Scope for Surgery
- 13. Infective arthritis**  
Types; recognition; management
- 14. Soft tissue rheumatism**  
Recognition in general practice management

## **16. POSTGRADUATE CERTIFICATE COURSE IN RADIOLOGY (RADIO-DIAGNOSIS)**

### **The need:**

Globalization has changed the entire concept of medical profession. It is imperative the Indian Medical Association takes the task of imparting special education on Radio-diagnosis to its doctors. This course is an attempt to train doctors to improve their skills in managing Radio-Diagnosis in their family practice.

### **Benefits of the course:**

The person who successfully completes this course:

- Can become a trained Radiologist
- Can provide better quality services in their work area.
- Can use the learning in Radiology principles and practice for an enhanced programme in primary health care.
- Can better understand the principles behind the government policy in many fields of medical fraternity

### **Course contents:**

The 9 modules of this course cover:

1. **History of Radiology**
2. **General Radiology**
3. **Special Investigations**
4. **Ultrasound**
5. **Computed Tomography**
6. **Recent Advances**
7. **Interventional Radiology**
8. **Changing face of Radiology, Radiation hazards, Do's & Don'ts in Radiology**
9. **Self assessment test : MCQ**

### **INSTRUCTIONS FOR FILLING UP ENROLLMENT FORM**

1. Please write your name & address in block letters
2. Please fill all the columns of the form
3. Please do not write your name and course name on the back of the draft
4. Photocopy of enrollment form can be used
5. Interns are eligible to apply for the course
6. Payment shall be accepted by demand draft only
7. Use separate enrolment form for different course (s)
8. Incomplete forms shall not be accepted
9. One form for more than one course will not be accepted

### **LIST OF DOCUMENTS TO BE ATTACHED WITH ENROLMENT FORM**

1. A copy of Permanent/Provisional registration with Medical Council
2. Demand draft of required amount
3. Separate demand draft for different course
4. Certificate of Life Membership of IMA

# **SCHEDULE OF FEES**

## **POSTAL MODE**

LIFE MEMBERS OF IMA	Rs. 12,000/- per course (Including GST)
NON MEMBERS OF IMA	Rs. 17,000/- per course (Including GST)

**The applicant must fulfill are eligibility criteria as mentioned earlier in the Brochure.**



# **IMA AKN SINHA INSTITUTE**

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