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National Directorate Residency Program (NDRP)
College of Physicians and Surgeons Pakistan (CPSP)
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ndrp@cpsp.edu.pk
The College was established in 1962 through an ordinance of the Federal Government. The objectives/functions of the College include promoting specialist practice of Medicine, Obstetrics & Gynaecology, Surgery and other specialties by securing improvement of teaching and training, arranging postgraduate medical, surgical and other specialists training, providing opportunities for research, holding and conducting examinations for awarding College diplomas and admission to the Fellowship of the College.

Since its inception, the College has taken great strides in improving postgraduate medical and dental education in Pakistan. Competency-based structured Residency Programs have now been developed, along with criteria for accreditation of training institutions, and for the appointment of supervisors and examiners. The format of examinations has evolved over the years to achieve greater objectivity and reliability in methods of assessment. The recognition of the standards of College qualifications nationally and internationally, particularly of its Fellowship, has enormously increased the number of trainees and consequently the number of training institutions and the supervisors.

The rapid increase in knowledge base of medical sciences and consequent emergence of new subspecialties have gradually increased the number of CPSP fellowship disciplines to sixty four including specialties in dentistry.
After completing two years of core training during IMM, the trainees are allowed to proceed to the advanced phase of FCPS training in the specific specialty of choice for 2-3 years. However, it is mandatory to qualify IMM examinations before taking the FCPS-II exit examinations.

The work performed by the trainee is to be recorded in the e-logbook on daily basis. The purpose of the e-log is to ensure that the entries are made on a regular basis and to avoid belated and fabricated entries. It will hence promote accuracy, authenticity and vigilance on the part of trainees and the supervisors.

The average number of candidates taking CPSP examinations each year is to a minimum of 25,000. The College conducts examinations for FCPS I (11 groups of disciplines), IMM, FCPS II (64 disciplines), MCPS (20 disciplines), including MCPS in HPE and also Diploma in Health Care System Management (DCPS-HCSM). A large number of Fellows and senior medical teachers from within the country and overseas are involved at various levels of examinations of the College.

The College, in its endeavor to decrease inter-rater variability and increase fairness and transparency, is using TOACS (Task Oriented Assessment of Clinical Skills) in IMM and FCPS-II Clinical examinations. Inclusion of foreign examiners adds to the credibility of its qualifications at an international level.

It is important to note that in the overall scenario of health delivery over 85% of the total functioning and registered health care specialists of the country have been provided by the CPSP. To coordinate training and examination, and provide assistance to the candidates stationed in cities other than Karachi, the College has established 14 Regional Centers (including five Provincial Headquarter Centers) in the country.
The five Provincial Headquarter Centers, in addition to organizing the capacity building workshops/short courses also have facilities of libraries, I.T, and evaluation of synopses and dissertations along with providing guidance to the candidates in conducting their research work.

The training towards Fellowship can be undertaken in more than 159 accredited medical institutions throughout the country and 44 accredited institutions abroad. The total number of trainees in these institutions is over 16000.

These continuous efforts of the College have even more importantly developed a credible system of postgraduate medical education for the country. The College strives to make its courses and training programs 'evidence' and need 'based' so as to meet international standards as well as to cater to the specialist healthcare needs not only for this country but also for the entire region.

Prof. Zafar Ullah Chaudhry  
President  
College of Physicians and Surgeons Pakistan
Training and Examinations Summary

The College lays down the training programs and holds examination for the award of Fellowship in the following disciplines:

**Disciplines for 1st Fellowship**

| 1.  | Anatomy                        |
| 2.  | Anesthesiology                |
| 3.  | Biochemistry                  |
| 4.  | Cardiac Surgery               |
| 5.  | Cardiology                    |
| 6.  | Chemical pathology            |
| 7.  | Clinical Haematology          |
| 8.  | Community Medicine            |
| 9.  | Dermatology                   |
| 10. | Diagnostic Radiology          |
| 11. | Emergency Medicine            |
| 12. | Family Medicine               |
| 13. | Forensic Medicine             |
| 14. | Gastroenterology              |
| 15. | General Medicine              |
| 16. | General Surgery               |
| 17. | Haematology                   |
| 18. | Histopathology                |
| 19. | Immunology                    |
| 20. | Medical Oncology              |
| 21. | Microbiology                  |
| 22. | Nephrology                    |
| 23. | Neurology                     |
| 24. | Neurosurgery                  |
| 25. | Nuclear Medicine              |
| 26. | Obstetrics and Gynaecology    |
| 27. | Operative Dentistry           |
| 28. | Ophthalmology                 |
| 29. | Oral & Maxillofacial Surgery  |
| 30. | Orthodontics                  |
| 31. | Orthopedic Surgery            |
| 32. | Otorhinolaryngology (ENT)     |
| 33. | Paediatric Surgery            |
| 34. | Paediatrics                   |
| 35. | Periodontology                |
| 36. | Pharmacology                  |
| 37. | Physical Medicine & Rehabilitation |
| 38. | Physiology                    |
| 39. | Plastic Surgery               |
| 40. | Prosthodontics                |
| 41. | Psychiatry                    |
| 42. | Pulmonology                   |
| 43. | Radiotherapy                  |
| 44. | Thoracic Surgery              |
| 45. | Urology                       |
| 46. | Virology                      |

**Disciplines for 2nd Fellowship**

| 1.  | Cardiothoracic Anesthesiology |
| 2.  | Clinical Cardiac Electrophysiology |
| 3.  | Critical Care Medicine         |
| 4.  | Community & Preventive Paediatrics |
| 5.  | Endocrinology                  |
| 6.  | Infectious Diseases            |
| 7.  | Interventional Cardiology       |
| 8.  | Neonatal Paediatrics           |
| 9.  | Paediatric Cardiology          |
| 10. | Paediatric Gastroenterology-Hepatology and Nutrition |
| 11. | Paediatric Haematology Oncology |
| 12. | Paediatric Infectious Diseases |
| 13. | Paediatric Nephrology          |
| 14. | Paediatric Neurology           |
| 15. | Paediatric Ophthalmology       |
| 16. | Rheumatology                   |
| 17. | Surgical Oncology              |
| 18. | Vitreo Retinal Ophthalmology   |
Fellowship of the College of Physicians and Surgeons Pakistan is awarded to those applicants who have:

- a recognized medical degree
- completed a one year house job in a recognized institution
- passed the relevant FCPS Part I Examination;
- registered with the Research, Training and Monitoring Cell (RTMC);
- undergone specified years of supervised accredited training on whole time basis.
- passed IMM examination
- obtained approval of dissertation/ two research articles (related to the specialty) published/ accepted for publication in CPSP approved journal(s):
- Completion of entries in e-logbook along with validation by the supervisor;
- been declared successful in examinations carried out by the Examination Department of the CPSP; and
- been elected by the College Council.

It is important to note that all applicants must undergo a formal examination before being offered fellowship of the relevant specialty, except in case of fellowship without examination.

**TRAINING ENQUIRIES AND REGISTRATION**

All trainees should notify the College in writing of any change of address and proposed changes in training (such as change of Supervisor, change of department, break in training etc) as soon as possible.
REGISTRATION AND TRAINING

GENERAL REGULATIONS
The following regulations apply to all the candidates taking the FCPS-II Examination.

Candidate will be admitted to the examination in the name (surname and other names) as given in the MBBS degree. CPSP will not entertain any application for change of name on the basis of marriage / divorce /deed.

ELIGIBILITY REQUIREMENTS FOR ENTERING FCPS PART II TRAINING PROGRAM IN DIAGNOSTIC RADIOLOGY
- Passed FCPS Part I in Diagnostic Radiology / allowed exemption
- Completed two years RTMC registered training as per Intermediate Module Curriculum

EXEMPTION FROM FCPS PART-I
An application for exemption from FCPS Part-I must be submitted to the College with all the relevant documents and a bank draft for the prescribed fee.

After due verification, the College may grant exemption from FCPS Part-I to those applicants who have acquired any of the following qualifications in Diagnostic Radiology:
- Diplomat American Board of Specialties
- FCPS Part-I, Bangladesh.

In all other cases, after proper scrutiny and processing, the College shall decide acceptance or rejection of the request for exemption from FCPS-I on case to case basis.

All applicants who are allowed exemption will be issued an EXEMPTION CERTIFICATE on payment of exemption fee. The date of issue of the exemption certificate will be considered as the date of passing FCPS I examination. A copy of this certificate will have to be attached with the application for appearing in FCPS II examination.
**APPROVED TRAINING CENTERS**

Training must be undertaken in units/departments/institutions approved by the College. A current list of approved locations is available on the College website: www.cpsp.edu.pk.

**REGISTRATION AND SUPERVISION**

All trainings must be supervised, and trainees are required to register with the Research and Training Monitoring Cell (RTMC) within 30 days of starting their training for the Intermediate Module. In case of delay in registration, the start of training will be considered from the date of receipt of application by the RTMC. Registration forms are available in RTMC and in the Regional Centers. They can also be downloaded from the CPSP Website. They must submit the name of their supervisor by the date indicated on the registration form. Training is compulsorily monitored by an approved supervisor who is a CPSP fellow or a specialist with relevant postgraduate qualifications registered at the RTMC. The trainees are not allowed to work simultaneously in any other department/institutions for financial benefit and/or for other academic qualifications.

**DURATION OF TRAINING IN DIAGNOSTIC RADIOLOGY**

- Total duration of the training is 4 years divided into two phases (IMM & advanced specialty training), all of which is to be undertaken after passing FCPS I or after obtaining exemption for FCPS I and after registration with RTMC with an approved Supervisor at a CPSP accredited unit/institution.
- The first two years of training, inclusive of rotations, will constitute the Intermediate Module (IMM), at the end of which the trainee will have to appear in the Intermediate Module examination in Diagnostic Radiology.
- After completing training for IMM, trainee has to undergo prescribed advanced training in the specialty for years 3 & 4.
- Passing of IMM examination is one of the eligibility requirements to appear in FCPS-II examination.
- All training inclusive of rotations is to be completed one month before the date of theory examination for FCPS-II.
COMPONENTS OF TRAINING

Mandatory Workshops

All mandatory workshops should be attended during the first two years of training. Therefore no workshop is mandatory during the 3rd & 4th year of training. However the trainee will be required to take any additional workshop as may be introduced by the CPSP.

Research (Dissertation / Two Papers)

One of the training requirements for fellowship trainees is a dissertation or two research papers on a topic related to the field of specialization. Synopsis of the dissertation or research papers must be approved from the Research & Evaluation Unit (REU) of CPSP before undertaking the research work. The dissertation or research paper must be submitted for approval to the REU before or during first six months of fourth year of training program.

E-logbook

The CPSP Council has made e-logbook mandatory for all residency programs trainees inducted in July 2011 and onwards. Upon registration with RTMC each trainee is allotted a registration number and a password to log on and make entries of all work performed and the academic activities undertaken in e-logbook on daily basis. The concerned supervisor is required to verify the entries made by the trainee. This system ensures timely entries by the trainee and prompt verification by the supervisor. It also helps in monitoring the progress of trainees and vigilance of supervisors.
GENERAL REQUIREMENTS

Training should incorporate the principle of gradually increasing responsibility, and provide each trainee with a sufficient scope, volume and variety of experience in a range of settings that include inpatients and outpatients.

Instructional Methodology

Teaching occurs using several methods that range from formal lectures to planned clinical experiences. Aspects covered will include knowledge, skills and practices relevant to the discipline in order to achieve specific learning outcomes and competencies.

The theoretical part of the curriculum presents the current body of knowledge necessary for practice. This can be imparted using lectures, grand teaching rounds, clinico-pathological meetings, morbidity/mortality review meetings, literature reviews and presentations, journal clubs, conferences and seminars along with self directed learning.

Clinical learning is organized to provide appropriate expertise and competence necessary to evaluate and manage common clinical problems. Demonstration in outpatient clinics and wards and procedural skill training on simulators, mannequins and patients are all practical training modalities.
ROLE AND RESPONSIBILITIES

Training held under the aegis of CPSP is compulsorily supervised. A supervisor is a CPSP Fellow or a specialist with relevant postgraduate qualifications recognized by the CPSP and completing mandatory supervisory workshops prescribed.

Supervision is a multifaceted task and essential for the comprehensive grooming of a trainee. The task is arbitrarily divided into the following components for the sake of convenience. This division is by no means exhaustive or rigid. It is merely meant to give semblance of order to this comprehensive yet abstract and versatile role of the supervisor.

EXPERT TRAINER

- The most fundamental role of a supervisor is to ensure and monitor adequate training and also provide continuous helpful feedback (formative) to the trainee regarding the progress of the training.
- This entails observing the trainee's performance and rapport with all the people within his work environment.
- He / she should teach the trainee and help him / her overcome the hurdles during the learning process.
- It is the job of the supervisor to make the trainee develop the ability to interpret findings in his patients and suitably act in response.
- The supervisor must be adept at providing guidance in writing synopsis and dissertation / research articles which are essential components of training.
- Every supervisor is required to do his/her best to implement the newly acquired information/ skills in the training acquired through participation in Supervisors' workshops, conducted regularly by CPSP. It is his basic duty to keep abreast of the innovations in his field of expertise and ensure that this information percolates to trainees of all years under him/ her.
LIAISON WITH CPSP

- The supervisor should maintain regular contact with the College regarding training and the conduct of various mandatory workshops and courses.
- They must be able to coordinate with the administration of their institutions/organizations in order to ensure that the trainees do not face any administrative problem hampering training.

PROFICIENT ADMINISTRATOR

- He/she must ensure that the trainees have completed the logbooks, e-logbooks and authenticate them on a regular basis.
- The supervisors might be required to submit biannual confidential reports on trainee’s progress to the College.
- The supervisor should notify the College of any change in the proposed approved training program.
- In case the supervisor plans to be away for more than two months, he/she must arrange satisfactory alternate supervision during the period.
ROLE AND RESPONSIBILITIES

Given the provision of adequate resources by the institution, Trainees should accept responsibility for their own learning and ensure that it is in accord with the relevant requirements. The trainee should:

1. investigate sources of information about the program and potential Supervisor and play an informed role in the selection of the Supervisor.

2. seek reasonable infrastructure support from their institution and Supervisor, and use this support effectively.

3. ensure that they undertake training diligently.

4. accept responsibility for the dissertation, and plan and execute the research within the time limits defined.

5. submit the completed Dissertation for approval to the REU at least six months before completion of training program or publish two research papers in the CPSP approved journal six months before final exams.

6. be responsible for arranging regular meetings with the supervisor to discuss any hindrance to progress and documenting the progress. If the supervisor is not able/willing to meet the student on a regular basis, the student should notify the College.

7. provide the supervisor with word-processed dated synopsis and dissertation drafts that have been checked for spelling, grammar and typographical errors, prior to submission.

8. ensure that the supervisor has all the relevant raw data prior to submission of dissertation.

9. ensure that no intellectual property rights have been violated at any time (i.e. plagiarisms is to be absolutely avoided).

10. follow the College complaint procedures if serious problems arise

11. complete all requirements for taking an examination.

12. feedback regarding the training post should be sent to the College on the prescribed Confidential form.
AIMS

At the end of the training for FCPS-II in Diagnostic Radiology a candidate shall be able to:
1. Provide radiological management to the patients.
2. Select and train radiologists who, in their own turn, should be competent and motivated enough to train more radiologists.
3. Establish, organize and plan teaching facilities and teaching programmes as training supervisors.
4. Plan, conduct and implement research in their own fields, pertinent to the needs of their own society and environment.
5. Assess new information and apply appropriately.

CORE SKILLS AND EXPERIENCES

System wise core skills (competencies) and the essential experiences required to achieve them along with optional experiences are given as under:

Breast
Core Knowledge
- Knowledge of radiological manifestation of disease in the breast on mammography, conventional control study (galactopgraphy), ultrasound & MRI

Core skills
- Mammographic reporting of common breast disease

Core experience
- Participation in breast assessment clinics

Optional experience
- Performing breast biopsy and localization
Heart
Core knowledge
- familiarity with the application of the following techniques:
  - echocardiography (including transoesophageal)
  - radionuclide investigations
  - magnetic resonance imaging
  - angiography

Optional experience
- supervising and reporting radionuclide investigations, computed tomography and/or magnetic resonance imaging performed to show cardiac disease
- experience in echocardiography (including transoesophageal)
- performing/observing coronary angiography and other cardiac angiographic and interventional procedures

Chest
Core Knowledge
- Knowledge of radiological manifestation of chest diseases on conventional radiography, CT scan, Radionuclide investigations and angiography in both adults and children.

Core skills
- supervising and reporting radionuclide lung scintigrams
- supervising and reporting computed tomography of the chest, including high-resolution examinations and CT pulmonary angiography
- drainage of pleural space collections under image guidance

Core experience
- familiarity with the applications of the following techniques:
  - magnetic resonance imaging
  - angiography

Gastrointestinal including liver, pancreas and spleen
Core knowledge
- knowledge of the radiological manifestations of disease within the abdomen on conventional radiography, contrast studies (including ERCP), ultrasound, CT, MRI, radionuclide investigations and angiography in both adults and children.
Core skills
- supervising & reporting computed tomography of the abdomen

Core experience
- performing and reporting the following contrast medium studies:
  - cholangiography (T-tube)
  - sinogram
  - Loopogram
  - GI video studies
  - Barium & contrast studies in pediatric population
- experience of the manifestations of abdominal disease on MRI with particular reference to the solid viscera
- experience of the current application of radionuclide investigations to the gastrointestinal tract in the following areas:
  - liver
  - biliary system
  - gastrointestinal bleeding (including Meckel’s diverticulum)
  - abscess localisation
  - assessment of inflammatory bowel disease
- experience of the application of angiography and vascular interventional techniques to this subspecialty
- experience of the relevant application of the following interventional procedures:
  - percutaneous biliary stenting
  - balloon dilatation of the oesophagus / stent insertion
  - porto-systemic decompression procedures (TIPSS)

Optional experience
- observation of ERCP and other diagnostic and therapeutic endoscopic techniques
- endoluminal ultrasound
- performing percutaneous cholangiography
- observation of percutaneous gastrostomy
- familiarity with performance and interpretation of the following contrast studies:
  - proctogram
  - pouchogram
  - herniogram
Head and Neck Imaging including ENT/ EYE and Dental

Core knowledge
- knowledge of the manifestations of ENT / EYE and Dental disease as demonstrated by conventional radiography, relevant contrast examinations, ultrasound, CT and MRI in both adults and children

Core skills
- supervising and reporting computed tomography of the head and neck for ENT / EYE and Dental problems
- supervising and reporting computed tomography for orbital problems
- supervising and reporting magnetic resonance imaging of the head and neck for ENT / EYE and Dental problems
- reporting radionuclide thyroid investigations

Optional experience
- performing biopsies of neck masses (thyroid, lymph nodes etc)
- supervising and reporting computed tomography and magnetic resonance imaging of congenital anomalies of the ear
- reporting radionuclide parathyroid investigations

Musculoskeletal including Trauma

Core knowledge
- knowledge of the manifestations of musculoskeletal disease and trauma as demonstrated by conventional radiography, CT, MRI, contrast examinations, radionuclide investigations and ultrasound in adults and children

Core skills
- reporting radionuclide investigations of the musculoskeletal system, particularly skeletal scintigrams
- supervising and reporting computed tomography of the musculoskeletal system
- supervising and reporting magnetic resonance imaging of the musculoskeletal system
- performing and reporting ultrasound of the musculoskeletal system
- supervising CT scan and MRI of trauma patients
Core experience
- experience of the relevant contrast examinations
  (e.g. arthrography)

Optional experience
- observation of image-guided bone biopsy

Neuroradiology
Core knowledge
- knowledge of the manifestations of CNS disease as demonstrated on conventional radiography, CT, MRI, myelography, CT myelography and angiography in adults and children
- familiarity with the application of radionuclide investigations in neuroradiology
- familiarity with the application of CT and MR angiography in neuroradiology
- MR spectroscopy
- Diffusion Weighted Imaging
- Perfusion Weighted Imaging

Core skills
- supervising and reporting cranial and spinal computed tomography
- supervising and reporting cranial and spinal magnetic resonance imaging

Core experience
- experience in MR angiography and CT angiography to image the cerebral vascular system
- performing and reporting cerebral angiograms
- performing and reporting myelograms
- performing and reporting transcranial ultrasound
- observation of interventional neuroradiological procedures
Obstetrics and Gynaecology

Core knowledge
- awareness of the applications of angiography and vascular interventional techniques
- awareness of the applications of magnetic resonance imaging in gynaecological disorders and obstetrics

Core skills
- supervising and reporting computed tomography in gynaecological disorders
- supervising and reporting magnetic resonance imaging in gynaecological disorders

Uroradiology

Core knowledge
- knowledge of the manifestations of urological diseases as demonstrated on conventional radiography, ultrasound, CT & MRI in both adults and children
- awareness of the application of angiography and vascular interventional techniques

Core skills
- supervising and reporting computed tomography of the urinary tract
- reporting radionuclide investigations of the urinary tract in the following areas:
  - kidney
  - renal function
  - vesico-ureteric reflux
- performing nephrostomies
Core experience
- observation of percutaneous ureteric stent placement
- endorectal ultrasound
- performing image-guided renal biopsy under US and CT guidance
- magnetic resonance imaging applied to the urinary tract
- experience of angiography and vascular interventional techniques
- experience of antegrade pyelo-ureterography

Optional experience
- urodynamics
- percutaneous nephrolithotomy
- lithotripsy

Vascular and Vascular Intervention
Core knowledge
- familiarity with the appropriate applications of the following techniques:
  - ultrasound (including Doppler)
  - intravenous digital subtraction angiography
  - intra-arterial angiography
  - computed tomography and CT angiography
  - magnetic resonance imaging and MR angiography

Core skills
- femoral artery puncture techniques, and the introduction of guide wires and catheters into the arterial system
- venous puncture techniques both central and peripheral and the introduction of guide wires and catheters into the venous system
- performing and reporting the following procedures:
  - lower limb angiography
  - arch aortography
  - abdominal aortography
performing the following techniques:
- intravenous digital subtraction angiography
- supervising and reporting CT examinations of the vascular system (CTA) including image manipulation
- supervising and reporting MRI examinations of the vascular system (MRA) including image manipulation

Radionuclide Radiology

Core knowledge

- knowledge and understanding of the principles and indications of the more commonly performed radionuclide investigations and how these relate to other imaging modalities, in particular knowledge of the radionuclide investigations in the following topic areas:
  - cardiology
  - endocrinology
  - gastroenterology and hepato-biliary disease
  - haematology
  - infection
  - lung disease
  - nephro-urology
  - nervous system
  - oncology
  - paediatrics
  - skeletal disorders

- understanding the significance of normal and abnormal results
- experience in supervision and reporting of radionuclide investigations

Ultrasound

Core knowledge

- performing ultrasound of the breast
- experience in ultrasound of the musculoskeletal system
- performing ultrasound-guided interventional procedures (e.g. biopsy and drainage)
- 4.2.21 Interventional
Core skills
- ultrasound-guided interventional procedures (e.g. biopsy and drainage)

Recommended Journals
- Radiology
- Radiographics
- American Journal of Radiology
- European Journal of Radiology
- Clinical Radiology

PROCEDURAL COMPETENCIES

The procedural competencies, a specialist must have, are varied and complex. A list of the core procedural competencies including those required during training in the Diagnostic Radiology and the departments during rotations is given below. The level of competencies to be achieved each year is specified according to the key, as follows:
1. Observer status
2. Assistant status
3. Performed under supervision
4. Performed under indirect supervision
5. Performed independently

Note: Levels 4 and 5 for practical purposes are almost synonymous.
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## COMPETENCY LEVELS IN ROTATIONAL TRAINING

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<th>PROCEDURES</th>
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<td>Venograms - Peripheral Lines / Filters</td>
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<td>Hepato Biliary intervention</td>
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<td>Genito Urinary intervention</td>
<td>2 &amp; 3</td>
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<td><strong>MRI (Eight Weeks Rotation)</strong></td>
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<td>Genito Urinary + Breast - Pathology and Interpretation</td>
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<td>2&amp;3&amp;4</td>
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The residents in diagnostic Radiology are required to maintain their competence in the following:

- Continue reviewing pertinent history
- Review physical examination
- Review appropriate investigations
- Interpreting the results of investigations
- Assessing for fitness to undergo procedure
- Deciding and implementing appropriate management
- Post procedure management and monitoring
ASSESSMENT

ELIGIBILITY REQUIREMENTS FOR FCPS-II IN DIAGNOSTIC RADIOLOGY EXAMINATION:
The eligibility requirements for candidates appearing in FCPS-II examination in Diagnostic Radiology are:
1. To have passed FCPS Part-I in Diagnostic Radiology or have been granted exemption by CPSP.
2. To have undertaken four years of the specified training in Diagnostic Radiology, all of which should be after passing FCPS Part-I (a certificate testifying attendance is obligatory for admittance to examination) in an institution recognized by the CPSP.
3. To provide a certificate of attendance of mandatory workshops.
4. Completion of entries in e-logbook along with validation by the supervisor.
5. To provide a certificate of having passed the Intermediate Module in Diagnostic Radiology.
6. To provide a certificate of approval of dissertation or acceptance of two research papers for publication in CPSP approved journals, synopsis of which were earlier approved by the RTMC.

FORMAT OF EXAMINATIONS

Theory Examination:
Two theory papers of 3 hours durations each consisting of:

<table>
<thead>
<tr>
<th>Paper- I</th>
<th>Paper- II</th>
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<tr>
<td>10 Short Answer Questions (SAQs)</td>
<td>100 Single Best MCQs (MCQs)</td>
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</table>

Clinical Examination:
Only those candidates who pass the theory examination will be eligible to appear in the clinical examination. The Clinical examination comprises of the following:
(a) Film reporting session
(b) Viva Voce

Since the College is continually seeking to improve its examinations, changes are likely from time to time and candidates will be notified well in advance of such changes.
EXAMINATION SCHEDULE

1. The Fellowship theory examination in Diagnostic Radiology will be held twice a year.*

2. Theory examinations are held in various cities of the country usually at Abbottabad, Bahawalpur, Faisalabad, Hyderabad, Islamabad, Karachi, Lahore, Larkana, Nawabshah, Multan, Peshawar, Quetta and Rawalpindi. The College shall decide where to hold clinical examination depending on the number of candidates in a city and shall inform the candidates accordingly.*

3. English is the medium of examination for the theory and clinical examinations.

4. The College will notify of any change in the centres, the dates and format of the examination.

5. A competent authority appointed by the College has the power to debar any candidate from any examination if it is satisfied that such a candidate is not a fit person to take the College examination because of using unfair means in the examination, misconduct or other disciplinary reasons.

6. Each successful candidate in the Fellowship examination shall be entitled to the award of a College Diploma after being elected by the College Council and payment of registration fee and other dues.

EXAMINATION FEES

1. Applications along with the prescribed examination fees and required documents must be submitted by the last date notified for this purpose before each examination.

2. The details of examination fee and fees for change of centre, subject, etc. shall be notified before each examination.

3. Fees deposited for a particular examination shall not be carried over to the next examination in case of withdrawal/ absence/ exclusion/ any other reason under normal circumstances.

*The CPSP reserves the right to alter dates, postpone examinations or change venue in the interest of safety and well being of its staff, invigilators and / or candidates.
REFUND OF FEES

1. If, after submitting an application for examination, a candidate decides not to appear, a written request for a refund must be submitted before the last date for withdrawal with the receipt of applications. In such cases a refund is admissible to the extent of 75% of fee only. No request for refund will be accepted after the closing date for receipt of applications.

2. Fee deposited for a particular examination shall not be carried over to the next examination in case of withdrawal / absence/exclusion.

3. If an application is rejected by the CPSP, 75% of the examination fee will be refunded, the remaining 25% being retained as a processing charge. No refund will be made for fee paid for any other reason, e.g. late fee, change of centre/subject fee, etc.

Note: The candidate is required to fill a self explanatory 'feedback proforma' at the end of the clinical examination. This will help the College in making future examination more candidate friendly.
USEFUL ADDRESSES AND TELEPHONE NUMBERS

1. Regional Offices of the CPSP

MUZAFFARABAD
CMH Muzaffarabad
Azad Kashmir
TEL: 05822-920998
Email: rc_muzaffarabad@cpsp.edu.pk

ABBOTTABAD
Ayub Hospital Complex
Abbottabad
TEL: 0992-383330
Email: rc_abottabad@cpsp.edu.pk

PESHAWAR
Hayatabad Medical Complex
Phase IV, Hayatabad,
Peshawar
UAN: 091-111-666-666
TEL: 091-9217011, 091-9217320-1
FAX: 091-9217062
Email: rc_peshawar@cpsp.edu.pk

ISLAMABAD
P.I.M.S, Ravi Road, Sector G- 8/ 3
Islamabad.
UAN: 051-111-666-666
TEL: 051-9262590-1,
FAX: 051-9262592
Email: rc_islamabad@cpsp.edu.pk

FAISALABAD
Punjab Medical College
Faisalabad
UAN: 041-111-666-666
TEL: 041-9210131, 9210366-8
FAX: 041-9210224
Email: rc_faisalabad@cpsp.edu.pk

LAHORE
Next to INMOL, Hospital
New Muslim Town, Block-D
Lahore.
UAN: 042-111-666-666
TEL: 042- 9231320-8
FAX: 042- 9231327
Email: rc_lahore@cpsp.edu.pk

MULTAN
Nishtar Medical College,
Distt. Jail Road, Opp Circuit House,
Multan.
UAN: 061-111-666-666
TEL: 061-9200946, 9200952
Email: rc_multan@cpsp.edu.pk

BAHAWALPUR
Quaid-e-Azam Medical College
Bahawalpur
TEL: 062- 9250461
Email: rc_bahawalpur@cpsp.edu.pk

NAWABSHAH
Peoples Medical College for Girls
Nawabshah
TEL: 0244-9370271, 9370479
FAX: 0244-9370478
Email: rc_nawabshah@cpsp.edu.pk

LARKANA
Chandka Medical College
Larkana
TEL: 074 – 9410726
Email: rc_larkana@cpsp.edu.pk
HYDERABAD
Adjacent to Sir Cowasji Jehangir Institute of Psychiatry,
Hyderabad, Sindh.
TEL: 022-3860056
FAX: 022-3860057
Email: rc_hyderabad@cpsp.edu.pk

QUETTA
Near Cenar Hospital,
Off: Brewery Road, Quetta
TEL: 081-9213434 & 081-2913435
FAX: 081-2853326
Email: rc_quetta@cpsp.edu.pk

KARACHI

2. Departments of CPSP Karachi

UAN – 021-111-606-606

- Department of Medical Education
  99207100 -10 Ext: 235/240

- Examination (FCPS Part I)
  99207100 -10 Ext: 311

- Examination (FCPS Part II)
  99207100 -10 Ext: 215

- Registration, Training & Monitoring Cell
  99207100 -10 Ext: 345 & 324

For further Information:
Phone: 99207100-10
UAN 111-606-606
Facsimile: 99266450
Website: www.cpsp.edu.pk

OVERSEAS CPSP CENTRES

3. Saudi Arabia

RIYADH
Saudi Council for Health Specialities
Diplomatic Quartre P.O.Box 94656,
Riyadh - 11614.
Kingdom of Saudi Arabia
City: Riyadh
Country: Kingdom of Saudi Arabia
TEL NO.: 966-1-4822415 ext:156/141
FAX NO.: 966-1-4884146

4. Nepal

KATHMANDU
Institute of Medicine, Maharajgunj,
Kathmandu, Nepal
City: Kathmandu
Country: Nepal
TEL NO.: 00977-1-4416224
FAX NO.: 00977-1-4416224
Email: cpsp_kathmandu@yahoo.com