

Explanatory Notes to Circular Ruj (5) dlm KKM-153(13/172) Bhg 2. Dated 21.10.1999

LICENSING REQUIREMENTS UNDER THE ATOMIC ENERGY LICENSING ACT 1984 (ACT 304) FOR SPECIALISED DIAGNOSTIC RADIOLOGY SERVICES PROVIDED BY PRIVATE HOSPITALS/RADIOLOGY CLINICS

3. QUALITY ASSURANCE PROGRAMME (QAP)

3.1 An appropriate and acceptable QAP shall be implemented in all GPs' clinics where diagnostic radiology service is provided. QAP shall comprise of the following:

ii) Monitoring and Analysis of Film Reject Rate

Monitoring and analysis of film reject rate shall be instituted and reported every year. A report of monitoring and analysis including corrective action taken is required for the licence renewal.

Explanatory Note:

Film reject rate of less than 10% is acceptable.

iii) Continuous Professional Education

A continuous professional training programme shall be instituted. All doctors and operators are required to attend the continuous professional education programme that is recognized by the appropriate authority to update their knowledge annually.

Explanatory Note:

It is necessary for doctors (licensees and supervisors), radiographers and operators to update their knowledge in order to keep abreast of the current practices in radiology. The CME may include the following:

- *Effects of ionizing radiation*
- *Radiation Protection*
- *Radiographic techniques*
- *Film processing*
- *Interpretation of X-rays*
- *Quality Assurance*
- *Update in Radiology/Imaging*

The above may be achieved:

- a) *By attending courses organized by other agencies/organizations/societies/etc.*
- b) *Peer reviewed education programmes/distance learning programmes available either on the internet or through post.*

For purposes of licensing the certificate of attendance/course contents or proof of subscription to the distant learning learning programmes should be submitted.

Penjelasan Lanjut Mengenai Pekeliling Ruj: (5) dlm.KKM-153 (13/172) Bhg. 2 Bertarikh 21hb Oktober 1999

KEPERLUAN TAMBAHAN PERLESENAN DI BAWAH AKTA PERLESENAN TENAGA ATOM (AKTA 304) BAGI PERKHIDMATAN RADIOLOGI KHUSUS YANG DIBERIKAN DI HOSPITAL-HOSPITAL/KLINIK-KLINIK RADIOLOGI SWASTA

3. PROGRAM PENJAMINAN KUALITI (QAP)

Satu program penjaminan kualiti (QAP) yang sesuai dan diterima hendaklah dilaksanakan di semua klinik GP di mana perkhidmatan radiologi diagnostik diberikan. QAP perlu meliputi elemen-elemen berikut;

ii) Pemonitoran dan Analisa Kadar Penolakan Filem

Pemonitoran dan analisa kadar penolakan filem hendaklah diwujudkan dan dilaporkan setiap tahun. Laporan mengenai pemonitoran dan analisa termasuk tindakan pembaikan yang telah diambil perlu dikemukakan untuk pembaharuan lesen.

Penjelasan:

Kadar penolakan filem kurang daripada 10 % adalah boleh diterima.

iii) Pendidikan Profesional Secara Berterusan (CME)

Program pendidikan professional secara berterusan perlu diwujudkan. Semua personel/pengendali hendaklah menghadiri program pendidikan professional secara berterusan yang diluluskan oleh pihak berkuasa setiap tahun untuk meningkatkan pengetahuan mereka. .

Penjelasan:

Adalah perlu untuk doktor (pemegang lesen dan penyelia), juru x-ray dan pengendali menghadiri program pendidikan professional secara berterusan bagi meningkatkan pengetahuan mereka dalam berurusan dengan/mengguna sinaran mengion. CME boleh termasuk perkara berikut;

- Kesan Sinaran Mengion
- Perlindungan Sinaran
- Teknik-teknik radiografi
- Pemprosesan Filem
- Intepretasi X-Ray
- Program, Penjaminan Kualiti
- Update In Radiology/Imaging

Program di atas boleh diperolehi melalui:

- a) Dengan menghadiri kursus yang dianjurkan oleh badan-badan professional, organisasi/persatuan dan lain-lain agensi
- b) Approved peer reviewed educational programmes
- c) Program pembelajaran yang diluluskan sama ada melalui Internet ataupun melalui pos..

Untuk tujuan perlesenan, sijil kehadiran/kandungan program kursus penyertaan bagi program pengajian jarak jauh mesti dikemukakan.