



The Hong Kong College of Radiographers and Radiation Therapists  
香港放射師學院

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Mr. Yip Kai Chiu, Lawrence  
葉啓超

#### Faculty Directors

##### Computed Tomography

Mr. Lai Wing Tak, Mike  
黎永德

##### Magnetic Resonance Imaging

Mr. Yip Kai Chiu, Lawrence  
葉啓超

##### Mammography

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蕭永碧

##### Medical Imaging Informatics

Mr. Chan Hung Tat, Edward  
陳鴻達

##### Nuclear Medicine

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##### Ultrasonography

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##### Medical Dosimetry

Mr. Chan Wing Ip, Daniel  
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##### RT Imaging

Mr. Chiu George  
邵治亨

##### RT Treatment Review & Counseling

Mr. Ku Ki Man, Imen  
顧奇民

## Annual General Meeting / Annual Scientific Meeting / Induction Ceremony

### 13 October 2012

#### Kowloon Regal Hotel

The meetings and ceremony will be held in the afternoon on 13 October 2012. This is an election year for the College. Please consider to be part of the Council to contribute to the College. Election nomination forms will be distributed very shortly.

Colleagues who would like to join the College and be inducted on 13 October, please apply for membership/fellowship before August 2012.

## Call for abstracts

Abstracts for the Annual Scientific Meeting (ASM) are being called for. The word limit for each abstract is 200 words. Abstracts should be submitted before **14 September 2012** by email to HKCRRT at [info@hkcrrt.org](mailto:info@hkcrrt.org).

## Best Paper Awards

We have set up the "Best Paper Awards" for the paper presentation in our ASM. The first and the runner-up from each discipline will be awarded \$1000 and \$500 respectively.

## HKCRRT Research Fund

The HKCRRT research fund up to a maximum of \$20,000 per project has been set up to encourage colleagues to conduct evidenced-based research at work. All Members and Fellows of the College are eligible to apply. Associate Members with 5 years of membership will also be considered.

Application is open in April each year and the results will be released at the end of June. For further details about the Fund, please refer to our College website.

## Mammography Training

The new Mammography training course will take place on the following dates:

10, 17 November 2012;

8, 29 December 2012

5, 12 January 2013.

Colleagues interested may visit our website ([www.hkcrrt.org](http://www.hkcrrt.org)) or call our secretariat for application nearer the time.

## Nuclear Medicine

The Faculty of Nuclear Medicine plans to conduct the certification exam in the second Quarter of 2013. The syllabus and reading list will be released later this year.

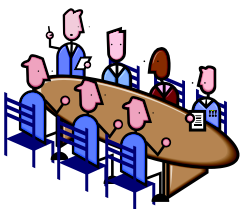
## HKCRRT Events June-December 2012



| Events  | Date             |
|---|------------------|
| Mammography Certification Examination                                 | 16 June 2012     |
| Medical Dosimetry Certification Examination                           | 16 June 2012     |
| Annual Scientific Meeting/ Annual General Meeting/ Induction Ceremony | 13 October 2012  |
| CT Certification Examination  | 24 November 2012 |
| Medical Imaging Informatics Certification Examination                 | 24 November 2012 |
| MRI Certification Examination   | 24 November 2012 |

## Faculty Subcommittee Members

| Faculty                           | Director                | Subcommittee  |
|-----------------------------------|-------------------------|---|
| CT                                | Lai Wing Tak, Mike      | Cheng Wai Kwong<br>Yiu Tak Ching  |
| Mammography                       | Siu Wing Pik, Daisy     | Chen Ka Yee, Monica<br>Leung Yin Ha, Anna   |
| Medical Dosimetry                 | Chan Wing Ip, Daniel    | Chan Wing Kin, Elian<br>Kowk Po Ming, Gary<br>Yuen Mei Yee  |
| Medical Imaging Informatics       | Chan Hung Tat, Edward   | Chow Heung Fan, Lawrence<br>Lee Wing Yiu, Joseph<br>Leung King Keung, Nel<br>Tak Fuk Hay<br>Wong Ting Hei, Edward |
| Nuclear Medicine                  | Chu Sin Yee, Monica     | To be announced   |
| RT Treatment Review & Counselling | Ku Ki Man, Imen         | Lee Kar Man<br>Shum Wai Ting, Jennifer<br>Wong Pui Wai  |
| RT Imaging                        | George Chiu             | Cheung Miu Ki<br>Chui Chun Fai, William<br>Ling Yiu Hong  |
| Ultrasonography                   | Lam Hoi Ling, Christina | Chiu Mei Fong<br>Hui Shui Yee<br>Leung Mee Po<br>Leung Mee Po   |



## Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: a retrospective cohort study

www.thelancet.com Published online June 7, 2012 DOI:10.1016/S0140-6736(12)60815-0

This is the first study that provides direct evidence of a link between exposure to radiation from CT in childhood and cancer risk in quantitative term.

It was found that the excess relative risk (ERR) per mGy is 0.036 for leukaemia and 0.023 for brain tumours. It was interpreted that a cumulative dose from CT of about 50 mGy might triple the risk of leukaemia and doses of about 60 mGy might triple the risk of brain cancer.

The following messages were triggered by this paper:

1. "The absolute risk of these cancers occurring after CT is small, but radiation doses from CT scans should be kept as low as possible and alternative procedures that do not use ionizing radiation should be considered if appropriate.
2. Further measures to allow reduction in CT doses should be a priority, by the professions and manufacturers
3. ...Where CT is used, it is only used where fully justified from a clinical perspective.
4. (In many cases,) the immediate benefits of CT outweigh the potential long-term risks, and because of CT's diagnostic accuracy and speed of scanning, notably removing the need for anesthesia and sedation in young patients, it will, and should, remain in

widespread practice for the foreseeable future."

*(Email correspondence from Dr. M R Perez, Radiation and Environmental Health, Department of Public Health and Environment, Health Security and Environment Cluster, World Health Organization [WHO])*

This study shows that risks from CT are real. At the same time, the use of CT will continue to rise with good clinical reasons. It's good that new CT scanners all now have dose-reductions options. There is far more awareness among practitioners about the need to justify and optimize CT doses – such awareness will be further bolstered by this study.

Following the publication of this paper, the "Image Gently" Steering Committee drafted a letter to parents regarding medical imaging in children addressing the key points from the questions raised by parents. Colleagues interested in the content of the letter can refer to the following link:<http://www.pedrad.org/associations/5364/ig>.

It's good practice to assess and record the dose to our patients, especially children. A personal life record of radiation dose received from medical examination is being proposed by the International Atomic Energy Agency (IAEA) together with other international organizations such as the ISRT.



image gently®

The Alliance for Radiation Safety in Pediatric Imaging

**Image Gently and Affiliates respond to the Lancet article...**

*Image Gently – "A letter to parents regarding medical imaging in children" from the Alliance for Radiation Safety in Pediatric Imaging:*  
<http://www.pedrad.org/associations/5364/ig/>

## Do we need an overarching academy?

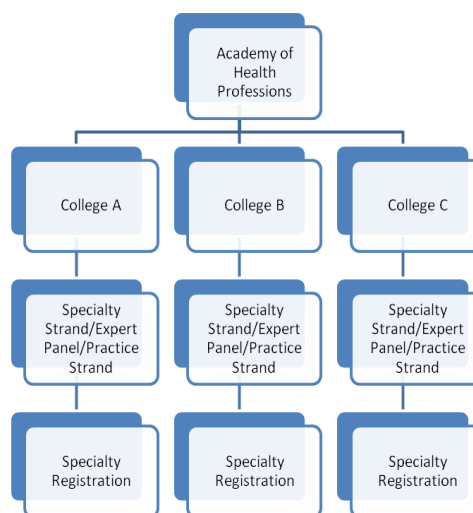
Our College was officially founded in December 2008. Thanks to all colleagues who had contributed in various way to realize our dream.

The professional related objectives of our College are: 1) to advance and set up professional standards and practice; 2) to promote and co-ordinate professional development activities including research, seminar and CPD; 3) to liaise with national and international body; 4) to set standard of and to monitor training and to accredit post-graduate training providers, 5) to conduct examinations and to confer qualifications, 6) to procure the College to be registered and recognized in any part of the world.

In May this year, the nurses set up their Provisional Hong Kong Academy of Nursing with the mission “to promote excellence in nursing and health care in Hong Kong through regulating specialist nursing practice and education”. The Academy comprises 14 Colleges of specialty such as cardiac nursing, critical care nursing emergency nursing education and research in nursing etc.

Recently the Honorable Councillor Dr. Lee Kok Long, Joseph called for a meeting in June to discuss about the feasibility of forming an Academy of Health Professions with a proposed organization as the chart on the right (modified from original). Compared with nursing, each health profession is relatively small in number. As individual profession, our voice may not be strong enough to be heard. By joining hands with other health professional groups, it is envisaged that our bargaining power with the government would be strengthened.

As reported by colleagues who attended the meeting, to enable

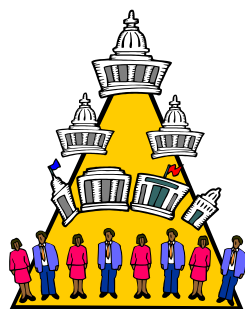


specialty registration is one of the goals of the academy. Currently, professionals or even non-professionals without a recognised qualification can perform special modalities, which you can name them.

To play the devil's advocate, a big organization with groups coming from different background is not free from problems. Different culture may exist in each of the health professions. For the varying nature of the professions to come to a compromise will take quite some time.

Among the different health disciplines, only pharmacy, physiotherapy and radiography have their colleges set up. Some disciplines are still wondering if they need specialists within their field of practice. The nature of practice of each discipline would dictate if the discipline wants to join in this proposed academy. Once founded, surely we do not want to see inactivity in any of the Colleges.

Whatever was proposed is at its infancy only. If you have suggestions, comments or questions about the proposed academy, write to us at [info@hkcrrt.org](mailto:info@hkcrrt.org).



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