



Focus Newsletter - June 2020 Edition

ACPSEM President's words - Richard Dove



Welcome to Winter 2020! It continues to be a year like no other and your College and fellow members continue to innovate to meet the changing environment. In this newsletter we find out about the numerous webinars and online meetings that are keeping our members in contact. In some regards it's never been easier to keep in contact and up-to-date on [CPD](#), with a plethora of online meeting invitations from local, national and international sources.

At a recent College Board Meeting three landmark decisions were made that members will hear more of in the coming months. The Board approved two new certifications and approved work to implement these. The first of these will be in Particle Therapy to support the particle therapy referral network associated with the [Australian Bragg Centre for Proton Therapy](#). The Particle Therapy Working Group is now tasked with developing the implementation details for this certification.

Secondly, a new MR Safety Expert Certification was approved that will be overseen through the Diagnostic Imaging Certification Panel. Further communications will be released on these two new certifications as ACPSEM seeks to provide more opportunities for members to develop and be recognised.

The third decision was that [EPSM 2020](#) will be moved to an online format. We have received excellent sponsor and trades exhibit support, and a good number of submitted abstracts too, however the ongoing uncertainty and risk due to COVID-19 has made a traditional meeting in Brisbane untenable. Considerable work now needs to be done to deliver an online conference during the first week of November that, we hope, provides many of the benefits of the normal conference. Be assured there will be plenty of opportunity to present and participate, but please be patient while the organisers rework the conference format.

As already announced, the [Summer School](#) will also be delivered online. The Brisbane EPSM local organising committee remains eager to host us, but that will need to wait until October 2021.

Changes to TEAP Duration Policy and Management

This article provides an update on the changes to TEAP duration management from 1 July 2020. Registrars and supervisors will receive individual letters about the changes.

In June 2020 the ACPSEM TEAP Duration Working Group agreed to implement changes to TEAP duration requirements from 1 July 2020. The changes are summarised in terms of their impact for registrars enrolling after 1 July 2020:

1. Registrars will be required to complete TEAP in the timeframe agreed at the point of enrolment (in the

2. For registrars, enrolling post completion of an MSc or equivalent, the expected completion time will be three years full-time equivalent (FTE), unless other factors are identified at enrolment or subsequently.
3. Review of registrar progress towards meeting the timeframe will be timed to enable formal show of cause for projected non-completion.
4. Prospective application for extensions of training will be required and can be sought at any time, and largely automated administration procedures will ensure that all sites prompted to consider whether a request is necessary.

In addition, the new PPR tool developed to replace the APR will be used for all registrars. TEAP coordinators are contacting registrars regarding this change.

Also, the [policy register](#) now includes an updated [TEAP Program Progression and Completion Policy](#) with new and common (to all TEAPs) remediation and unsatisfactory progress rules.

These changes recognise that different forms and frequency of registrar contact planned for the first 12m of TEAP (an approach in considerable contrast to current processes) will support the prescribed durations to be achieved. This includes making courses and research support options available.

Supervisor Modules

A supervisor module is now available to all supervisors which focuses on strengthening understandings of supervision and registrar support. Many supervisors have already completed this module, and from 1 July all supervisors will be enrolled in the (applicable at that time) mandatory module at the same time as their registrar is enrolled. One mandatory module will be developed per calendar year.

New supervisor modules that will progressively come online in 2020 are:

1. DIMP TEAP Coordinator session on use of COMET and tips regarding evidence requirements
2. All TEAPs (including RPS) how the learning planning tools in COMET can be used to integrate and more closely manage TEAP (requested by some supervisors)
3. RPS modules supporting the further delegation of progressive assessment tasks to supervisors
4. A ROMP module yet to be defined.

Courses and Tools in support of TEAP

Course development in support of TEAP is proceeding to enable streamlined sign-off of some competencies:

1. The first MR Safety Expert course will run (online) from August 2020.
2. The updated (new assessments) Mammography course will be held early next year.
3. A ROMP treatment planning course (CTG Module 5) is in development.
4. The ACPSEM will support new enrollees to attend NSW DIMP training events.
5. The scope and mode of delivery of offerings in support of ethics, management and associated topics will be reviewed in consultation with interested members over the next few months.
6. The NZ Branch has advised that some of the well-regarded NZ ROMP workshops are likely to transition to online delivery and Australian registrar participation will be welcomed.
7. ROMP level 1 quizzes will be available for modules 3 and 4 by end of September 2020.
8. Over the next 6 months DIMPs will assist in the creation of online testing in support of ROMP level 1 competencies in diagnostic imaging.
9. New registrars and their supervisors will be required to respond to questions about publication readiness as part of the enrolment process, to determine the level of support provided by the new ResSS (Research Support Strategy).

Registrars enrolling after 1 July 2020 will have priority where caps are placed on registrations for courses.

News and Branch Updates

[BHT Foundation announces 2020 Board of Directors](#)

The Better Healthcare Technology Foundation have announced the Board of Directors for 2020. The Board will focus on looking at ways of providing online training resource materials for radiation staff in local and overseas under-resourced teaching hospitals. [Read more](#)



[BHT Foundation Awards - extended deadline](#)

The Better Healthcare Technology Foundation have extended the deadline for the BHT Foundation Awards to COB 8 July 2020. The awards are varied and include financial prizes, medals, certificates, travel awards and EPSM entries. Don't miss out! [Read more](#)



[International Medical Physics Week 2020](#)

This year the International Medical Physics Week 2020 (IMPW) was hosted completely online with a series of informative webinars. The webinars took place daily from 11-15 May, the recordings can be [viewed here](#). Several ACPSEM Members took part in IMPW, including A/Prof Tomas Kron, Prof Eva Bezak and Prof Nicholas Forwood. [Read more](#)

Prof Martin Ebert (ACPSEM Board Member) has shared his thoughts on the webinar he attended, title "*Artificial Intelligence and Machine Learning in Radiation Oncology: Prospects and Challenges*" on 15 May 2020. [Read his comments](#) on the bottom of page 4.

[ACPSEM NSW/ACT Branch virtual scientific meetings](#)

The NSW/ACT branch have been holding monthly virtual scientific meetings to discussing a range of interesting and relevant topics, including:

- *Pandemic Planning for ROMPs: past, present and future* - 12 May
- *SRS End-to-End Testing with a High Density Diode Array and Multi-Met WL Phantom* - 9 June
- *The Liver Ablative Radiotherapy with KIM (LARK) Trial* - 7 July

[Read more](#). Members will receive an email with registration details.



[ACPSEM QLD Branch: PRIMPS 31](#)

The QLD branch held their first virtual PRIMPS event on 9 June 2020 which covered topics related to COVID-19, including the impact it's had on workplaces, challenges faced in delivering services, and what changes will be made to workplaces moving forward.

Benjamin Keir from Biomedical Technology Services also gave a presentation on the effect of COVID-19 at RBWH. This event has highlighted the benefits of having virtual meetings in the present and the future, with over 30 people attending this event.



[AFOMP celebrate their 20th anniversary](#)

AFOMP have celebrated their 20th anniversary with a special logo and a dedicated newsletter, covering the latest articles, messages from the AFOMP President and team, and a number of reports. [Read more](#)

AFOMP have also started a celebratory monthly webinar series. The first took place on 5 June 2020 ([recording](#)) and included a presentation from ACPSEM members Prof Tomas Kron and Dr Peta Lonski. The next webinar is scheduled to take place on 2 July 2020, on the topic of [Radiobiology of Radiotherapy - NSD to BED](#) by Prof Arun Chougule.



[AFOMP announce new prize for best published paper](#)

AFOMP have announced a new annual prize for the best paper published in one of their contributory journals. The prize will be awarded to papers demonstrating excellence and originality within medical physics, for both practical and theoretical work. The prize consists of \$400 USD, a certificate and a memento. [Read more](#)



[Free access to journals, papers and lectures](#)

Throughout COVID-19, a number of journals and papers have been made freely available:

- International Commission on Radiological Protection (ICRP) - [link](#)
- ScienceDirect - [link](#)
- JSTOR - [link](#)
- National Cancer Institute - [link](#) (lectures are especially valuable for those doing TEAP)
- More extensive lists of freely available publications can be found on the [RMIT](#) and [ANU](#) websites

You can also see a wider range of COVID-19 related papers, websites, journals and guides [here](#).

[Journal of Medical Imaging and Radiation Oncology - June 2020](#)



Journal of Medical Imaging and Radiation Oncology

The June 2020 Issue of the Journal of Medical Imaging and Radiation Oncology is now online! Featuring the role of Interventional Radiologists in Australasia, delivering a TROG collaborative cancer trial group conference online through a pandemic, and much more. [Read more](#)

[First Elekta Unity MR Linac commissions in NSW](#)

The first Elekta Unity MR Linac in NSW has been installed and commissioned at St Vincent's Clinic, Sydney. The MR Linac offers a non-surgical alternative to the treatment of cancer. [Read more](#)



[Please consider completing the IUPESM survey on gender and working from home](#)

IUPESM's gender and work-from-home during COVID-19 survey on behalf of the WiMPBME Task Group, part of the International Union for Physical and Engineering Sciences in Medicine (IUPESM). Please contribute your experience and thoughts. [Read more](#)

[ROMPs: Please consider completing the ESTRO survey on learning during COVID-19](#)

The ESTRO Physics Committee has developed a survey with the aim of gathering the lessons learned in radiotherapy physics during the COVID-19 pandemic. Feedback is wanted from all physicists working in radiation oncology. [Read more](#)

ESTRO

[Remember to submit your photos for PiMP 2020](#)

Submissions are still open for the Photography in Medical Physics (PiMP) Awards 2020! This year the awards include an additional category 'At Distance Together', and the other categories remain as 'Technical /Technology' and 'Professionals at Work'. Results will be announced at EPSM 2020. [Read more](#)



[A novel education approach to identify COVID-19 on lung CT](#)

The Better Healthcare Technology Foundation have written an article on the technology which is helping with monitoring COVID-19. [Read more](#)



Members

[Prof Paul Keall and team receives NHMRC grant](#)

Congratulations to Prof. Paul Keall and his team for receiving the prestigious NHMRC Investigator Grant for “*Cancer Imaging and Targeted Radiation Therapy: From Discovery to Clinical Practice*”. The grant 'will create a pipeline of cancer imaging and targeted radiotherapy medical devices', and was awarded by the National Health and Medical Research Council in the Leadership Level category. [Read more](#)



[Linda Marsh helps hospital to become a training centre](#)

Congratulations to Linda Marsh for receiving an ACPSEM accreditation, and whilst that's a big personal achievement in itself, Linda's medical physics knowledge will also form a big step towards Townsville University Hospital becoming a training centre for other medical physicists in the future. [Read more](#)



[Prof Don McLean awarded AFOMP Lifetime Achievement Award](#)

We are pleased to share the winners of the AFOMP Lifetime Achievement Award! Congratulations to Prof Anchali Krisanachinda from Thailand and Prof Ian Donald McLean from Australia, ACPSEM Member! The inaugural award was open to nominations from candidates who had made significant and relevant contributions to the field of medical physics. They also had to address a number of other selection criteria, resulting in very prestigious candidates being put forward. [Read more](#)



[Dr Dilli Banjade and team implement treatments in rural NSW](#)

Congratulations to A/Director of Medical Physics Dr Dilli Banjade and his team from the Central West Cancer Care Centre (CWCCC) in Orange, NSW, for implementing new SABR treatments and increased utilisation of IMRT/VMAT techniques in a regional centre. CWCCC is currently the only radiotherapy centre in the Western NSW local health district, and will benefit many people in this geographically large area. [Read more](#)



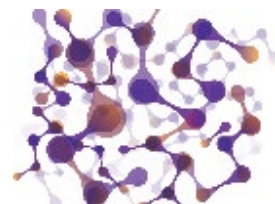
Events

Please be aware that event dates and locations may change due to uncertainty and safety concerns surrounding COVID-19. The event information below was accurate at the time of email delivery, but we advise that you double-check information on upcoming events that you wish to attend, and to keep an eye out for updates.

[EPSM 2020](#)

1-4 November 2020, virtual meeting

Our flagship conference, EPSM 2020 (Engineering & Physical Sciences in Medicine Conference), is planned to go ahead ONLINE this November. EPSM is the premier annual event for medical physicists, biomedical engineers and radiopharmaceutical scientists in Australia and New Zealand. [Read more](#)



[AFOMP webinar: Radiobiology of Radiotherapy](#)

2 July 2020, webinar

AFOMP are holding monthly webinars to celebrate their 20th anniversary. The next is scheduled for Thursday, 2 July 2020 at 7-8am GMT (3-4pm AWST, 5-6pm AEST, 7-8pm NZST), and will be presented by Prof Arun Chougule, and moderated by Dr Chai Hong Yeong. N.B., this webinar is eligible for CPD points. [Read more](#)



[MIRSIG: Rigid and deformable practice pattern & Guidelines on image registration](#)

7 July 2020, webinar

The ACPSEM Medical Image Registration Special Interest Group (MIRSIG) is holding a free lunchtime webinar series on the first Tuesday of every month - see the [schedule here](#). This presentation is being presented by Jeffrey Barber and chaired by Johnson Yuen. [Read more and register](#)



[SCMPCR eLearning webinar series](#)

15 & 25 July 2020, webinar

The South Asia Centre for Medical Physics is hosting a series of eLearning webinar sessions. The first took place on 27 June, and the next two are on 15 & 25 July. This is a great event for night owls! [Register](#)

[ACPSEM NSW/ACT branch: The liver ablative radiotherapy with KIM \(LARK\) trial](#)

21 July 2020, webinar

The ACPSEM NSW/ACT branch has organised a free webinar for members involving two talks from esteemed colleagues.

- *Democratising real-time image guided radiation therapy: Initial findings from the TROG 17.03 Liver Ablative Radiotherapy with KIM (LARK) trial* - by Prof Paul Keall
- *The LARK trial liver SABR planning challenge* - by Dr Trevor Ackerly



CPD points are awarded for this webinar. [Read more and register](#)

[Motion Correction in PET, SPECT and CT](#)

29 July 2020, webinar

The ACPSEM Nuclear Medicine Specialty Group is holding a free webinar on *Motion Correction in PET, SPECT and CT*, presented by A/Prof Roger Fulton and chaired by Prof Nicholas Forward.

CPD points are awarded for this webinar. [Read more and register](#)



Save the dates and TBC events

[MIRSIG Webinar series](#)

The ACPSEM Medical Image Registration Special Interest Group (MIRSIG) is holding a free lunchtime webinar series on the first Tuesday of every month - see the [schedule here](#). Some recipients will be awarded CPD points. Check your inbox for upcoming information.



- **4 August 2020, webinar** - *Image registration algorithms plus additional presentations (TBC)* - Jason Dowling
- **1 September 2020, webinar** - *Image registration algorithms and case studies plus additional presentations (TBC)* - Adam Yeo

[AFOMP webinar: Comprehensive Proton Therapy Machine Quality Assurance: AAPM TG 224](#)

6 August 2020, virtual meeting

AFOMP are holding monthly webinars to celebrate their 20th anniversary. Pencil this one in for Thursday, 6 August 2020 at 7-8am GMT (3-4pm AWST, 5-6pm AEST, 7-8pm NZST), which will be presented by Prof Sung Yung Park. N.B., this webinar is eligible for CPD points. [Read more](#)



[Medlab Asia & Asia Health conference - date change](#)

28-30 October 2020, Bangkok, Thailand

The Medlab Asia & Asian Health event has been postponed until 28-30 October 2020 (originally scheduled to take place 10-12 June 2020). The events look at improving healthcare through laboratory diagnostics, and through the evolution of healthcare in Asia. [Read more](#)

[ACPSEM Summer School 2020](#)

30-31 October 2020, details tbc

We are pleased to announce the ACPSEM Summer School 2020! This year's theme is data-driven healthcare, and looks at how we collect, record and analyse data. Find out more and register. [Read more](#)



[ESTRO 2020](#)

28 November-1 December 2020, Vienna, Austria

ESTRO is a multi-professional society focusing on radiation oncology as a core component of high-quality, multidisciplinary cancer treatment, in partnership with other oncology societies. Note, ESTRO 2020 has been postponed. [Read more](#)



[AOCMP, SEAOMP, TMPS](#)

3-5 December 2020, Phuket, Thailand

The 20th Asia-Oceania Congress on Medical Physics (AOCMP), 18th South-East Congress of Medical Physics (SEACOMP) and the 12th Annual Meeting of Thai Medical Physicist Society (TMPS) has been postponed. The theme of the conference is "Medical Physics - Achievements, Challenges and Horizons", and will include educational lectures, symposium, workshops, papers and posters. [Read more](#)

[ASMIRT-NZIMRT 2021 Re-Vision conference](#)

11-14 February 2021, Melbourne VIC

ASMIRT-NZIMRT brings together radiographers, radiation therapists and the wider medical radiation sciences community from across Australasia in their 4 day conference. This year's conference has been postponed until 2021 due to COVID-19, and renamed 're-vision'. [Read more](#)



[Practical IR workshop: Accounting for previous treatment and replans](#)

19 February 2021, Sydney NSW

An activity based workshop designed to improve image registration skills for Radiation Oncologists, Radiation Therapists and Medical Physicists. Hosted by MIRSIG and run in collaboration with the Trans-Tasman Radiation Oncology Group (TROG). [Read more](#)

[IUPESM 2021 World Congress](#)

30 May-4 June 2021, Singapore

The World Congress on Medical Physics and Biomedical Engineering 2021 (WC2021) presents scientific results and major innovations in health-related technologies from global medical physicists and biomedical engineers. [Read more](#)



[RANZCR Annual Scientific Meeting](#)

6-8 August 2021, Wellington NZ / 16-19 September 2021, Melbourne VIC

Register for the postponed RANZCR (Royal Australian and New Zealand College of Radiologists) Annual Scientific Meetings, which provide an opportunity to learn about recent advances in the fields of clinical radiology and radiation oncology. [Read more](#)



The Royal Australian
and New Zealand
College of Radiologists*

[ACPSEM National Leadership Workshop](#)

Postponed indefinitely, Brisbane QLD

The 2nd ACPSEM National Leadership Workshop is a members-only event which provides you with the tools to enhance your leadership skills. This year's workshop is currently postponed, but keep your eyes peeled for updates! [Read more](#)



Careers



[Building a successful career series](#)

Introducing [Dr Jerome Gastaldo!](#)

Jerome is the Chief Medical Physicist at a cancer centre in Christchurch, NZ, but originally hails from France.

Jerome reveals how the clinical role of a ROMP varies between France and New Zealand, and also shares the challenges he faces in his current role. [Read more](#)

[Vacancies](#)

[Senior Diagnostic Imaging Medical Physicist](#)

Brisbane QLD | Closing: 10 July 2020

[Director, Molecular Imaging and Therapy Research Unit](#)

Adelaide SA | Closing: 14 July 2020

[Gamma Knife Medical Physicist](#)

Melbourne VIC | Closing: n/a

All vacancies can be found [here](#).

Call for contributions

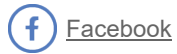
[We'd love to hear from you!](#)

Hearing news from our members makes us happy! Tell us what you and your colleagues have done recently. Some contribution ideas include:

- [Awards and achievements](#) - celebrating our members and their successes
- [Events and activities](#) - promotions or updates within your branch
- [Specialty groups](#) - updates, plans, and group outcomes
- [Reviews and feedback](#) - from industry conferences, events, workshops, etc
- [Pictures and videos](#) - show us your work, your colleagues (with their permission!), your events, or anything else that your work involves!

Please contribute by emailing Kath at communications@acpsem.org.au

Let's get social



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Our mailing address is:

Suite 7.12, Aero 247
247 Coward Street
Mascot NSW 2020
AUSTRALIA
Phone: +61 (0)2 8305 3900

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