













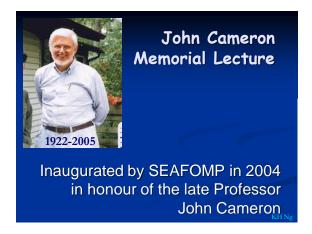


Regional Scientific Activities AFOMP (AOCMP): 18 conferences since formation in 2000 SEACOMP (SEACOMP): 16 meetings since formation in 2000 AOCMP 2001 – Bangkok, Thailand 2002 – Gyeongjiu, Korea 2003 – Sydney, Australia 2004 – Kuala Lumpur, Malaysia 2005 – Kyoto, Japan 2006 – Seoul, Korea 2007 – Huang Shan, China 2009 – Chiang Mai, Thailand 2010 – Taipei, Taiwan 2010 – Taipei, Taiwan 2011 – Piukuoka, Japan 2011 – Piukuoka, Japan 2011 – Piukuoka, Japan 2012 – Chang Mai, Thailand 2013 - Singapore 2014 - Ho Chi Minh, Vietnam 2015 - Xi'an, China 2016 - Bangkok, Thailand 2017 - Jaipur, India 2017 - Jaipur, India 2018 - Kuala Lumpur, Malaysia 2018 - Kuala Lumpur, Malaysia 2018 - Kuala Lumpur, Malaysia





ACOMP	Date	Venue
1. AAPM/ IOMP/ ISEP Imaging Physics	Nov 11-14 2015	Kuala Lumpur
Workshop		
2. Workshop on Digital Radiography	Dec 10 2015	Yogyakarta
(13th SEACOMP)		
3. Interventional Radiology: Safety,	Aug 5-6 2016	Kuala Lumpur
Optimization, Dosimetry & Quality		
Control		
4. Workshop on Digital Radiography	Dec 11 2016	Bangkok
(ICMP Bangkok)		
5. Workshop on Monte Carlo Simulation	Jul 11-14 2017	Bandung
of LINAC Head modeling and Dose		
Calculation		
6. Radiofrequency Radiation Protection	Dec 4 2017	Iloilo
7.UI/ISEP AAPM/ACOMP Imaging Physics	Oct 4-7 2018	Jakarta
Course		
8. Radiation Dosimetry II	Dec 6 2018	Kuala Lumpur
- Solid State and OSL Dosimetry: Physics		
& Applications		





3 surveys of radiation oncology medical
physicist (ROMP) practice were conducted in
23 countries in the Asia Pacific Region in 2008,
2011 and 2014.

- The number of MPs nearly doubled in this period.
- The number of megavoltage treatment units increased as did the complexity of procedures.
- Job satisfaction remained moderate due to high workload and lack of professional recognition.
- ROMP practice remained essentially unchanged over the last 6 years.



Medical physics aspects of cancer care in the Asia Pacific

T Kron*1, ph.D. FACPSEM, KY Cheung², ph.D. J Dai³, p D Soejoko⁵, ph.D. K Inamura⁶, ph.D. JY Song², ph.D. L L Rodriguez¹⁰, sssc. TJ Wong¹¹, sssc. A Kumara¹², 1 A Krisanachinda¹⁴, ph.D. XC Nguyen¹², sssc. KH Ng

Australas Phys Eng Sci Med (2015) 38:493-501 DOI 10.1007/s13246-015-0373-2

Medical physics aspects of cancer care in the Asia Paregion: 2011 survey results

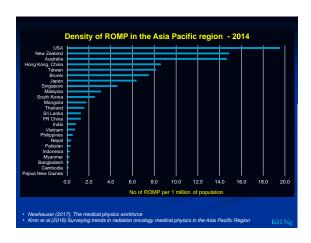
Kron T¹, Azhari HA², Voon EO³, Cheung KY⁴, Ravindran P³, Soejoko D⁶, Inamura K⁷, Han Y⁴, Ung NM⁶, Bold L¹⁰, Win UM¹¹, Srivastava R¹², Meyer Farrukh S⁴, Rodriguez L¹³, Kuo M⁶, Lee JCL¹³, Kumara A¹³, Lee CCl³, Krisanshinda A²⁰, Namura Y-20³, Nar Eu², Nar Cl²², Nar Eu², Nar

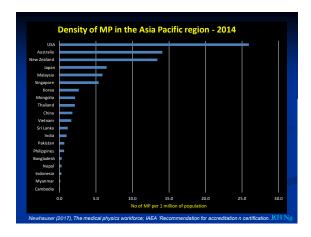


SCIENTIFIC PAPER

Medical physics aspects of cancer care in the Asia Pacific region: 2014 survey results

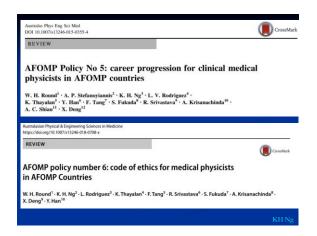
 $\begin{array}{l} Tomas \; Kron^{1,2} \cdot H. \; A. \; Azhari^3 \cdot E. \; O. \; Voon^4 \cdot K. \; Y. \; Cheung^5 \cdot P. \; Ravindran^6 \cdot \\ D. \; Soejoko^7 \cdot K. \; Inamura^8 \cdot Y. \; Han^9 \cdot N. \; M. \; Ung^{10} \cdot Bolortuya \; Tseden \; Ish^{11} \cdot \\ & 16. \end{array}$



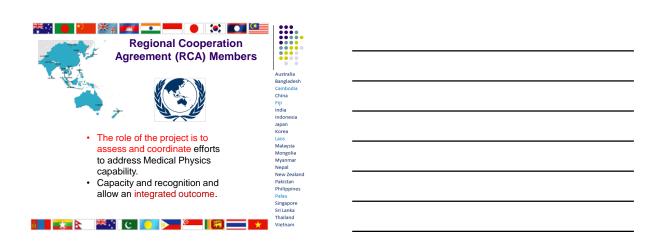


Australasian Physical & Engineering Sciences in Medicine Volume 32 Number 4, 2009	
AFOMP POLICY STATEMENT N ^O 1	
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Australas Phys Eng Sci Med (2010) 33:7-10 DOI 10.1007/s13246-010-0003-y	
SHORT COMMUNICATION	
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Australias Phys Eng Sci Med DOI 10.1007/s13246-012-0163-z	
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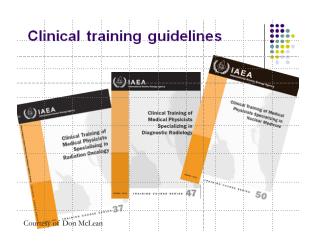


Two key outcomes from RAS6038



2003-2012

Objective	Progress
Development of guides for clinical training of medical physicists in the disciplines of ROMP, DRMP or NMP.	The 3 guides developed Available in English, Russian, French and Spanish
Trialling of the programs in a number of member states.	4 ROMP trials 3 DRMP trials 3 NMP trials





RAS6087

IAEA/RCA project 2018-2021 on medical physics clinical training.

Emphasis on TCDC, continuing the development of AMPLE, setting guidelines for clinical training.

RAS6088

IAEA/RCA project 2018-2021 on strengethening medical physics postgraduate education programmes.

KHN

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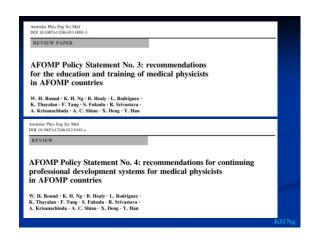
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DOI 10.100701236-010-0001-y

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AAPM-ISEP

International Scientific Program
Exchange Program

Since 2000 9 workshops in Asia

The impact at a time of

- rapid technology transition from traditional to image-based radiotherapy technology.
- rapid technology transition from traditional to digital imaging.



Cheng B Saw

KHN

















	Population (millions)	No of ROMPs 2014	% of ROMPs with more than 10 years experience
Australia	23.2	340	44
Bangladesh	157	29	9
Brunei	0.4	3	30
Cambodia	15.1	2	
Hong Kong, China	7.2	62	50
India	1250	1000	40
Indonesia	252	58	25
Japan	127.3	812	
South Korea	50.2	128	30
Malaysia	29.7	92	
Mongolia	2.8	5	
Myanmar	53.3	11	10
Nepal	27	10	
New Zealand	4.5	67	
Pakistan	182.1	60	35
Papua New Guinea	7.3	0.1	
Philippines	98.4	51	32
PR China	1357	1700	
Singapore	5.5	25.5	45
Sri Lanka	20.5	26	10
Taiwan	23.3	190	18.4
Thailand	66	104	
Vietnam	89.7	65	33

	Population (millions) - 2013	No. of NM MP	No. of DR MP	No. of RT MP
Australia	23	42	34	248
Bangladesh	157	18.5	0	29
Cambodia	15	0	0	1
China	1357	400	No data	2000
India	1252	10	15	1200
Indonesia	250	10	3	54
Japan	127	7	0	813
Malaysia	30	48	49	80
Mongolia	2.8	0	0	6
Myanmar	53	1	0	6
Nepal	28	0	0	8
New Zealand	4.8	2.4	8	54
Pakistan	182	25	15	80
Philippines	98	4	20	39
R of Korea	50	No data	No data	132
Singapore	5.4	3	6	20
Sri Lanka	21	No data	2	22
Thailand	67	23	30	87
Vietnam	90	30	0	115