

Certification & Licensing of Medical Physicists in Korea

Youngyih Han, Ph.D

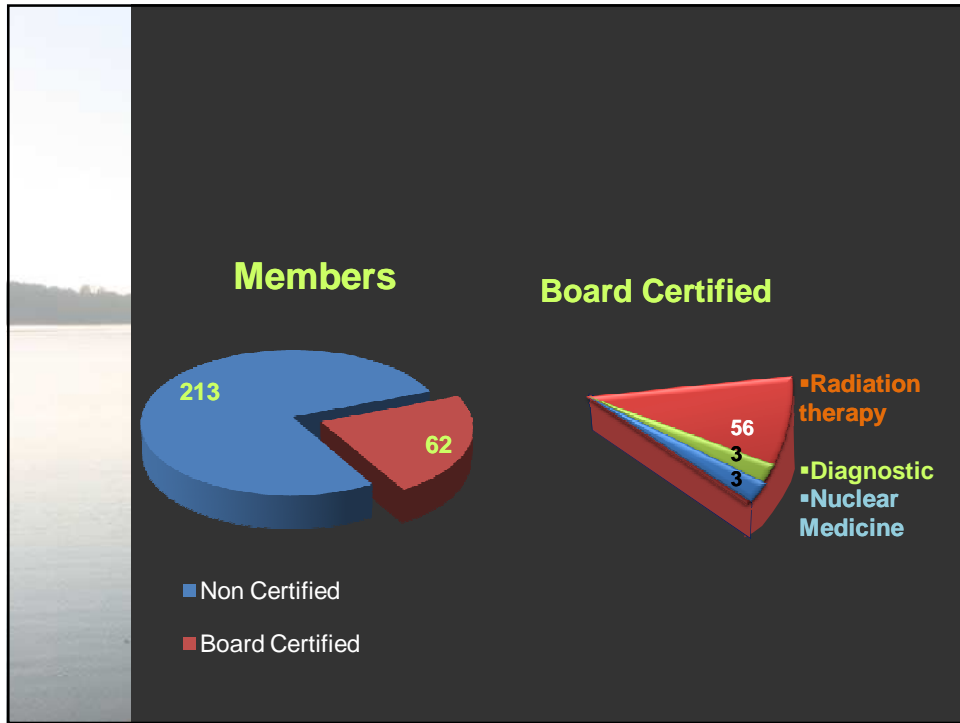
Sungkyunkwan University,
Samsung Medical Center , Seoul, Korea

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Korean Society of Medical Physics

- Sep. 1990 The KSMP was founded
- Dec. 1991 1st Korean Board of Medical Physics (KBMP)
- Mar. 1995 1st graduate programs in MP at Kyunggi Univ
- Apr. 2002 Legal amendment to include MP as a medical profession was proposed by a law maker
- May. 2002 KSMP is approved by MOST (Ministry of Science & Technology)
- Mar. 2004 1st MP Residency Program was opened at National Cancer Center
- Dec. 2005 Medical Physicists were recognized as a profession can conduct QA of RT equipment by in MOST Notification.
- April. 2006 Regulations for Maintenance of Certification





Certification Program in Korea

1. Eligibility

- **Graduate degree** in medical physics, physics, physical science or engineering
- Complete an **educational course** offered by KSMP (100 hrs of lectures)
- 3 years of full time **clinical experience**
- 2 years of full time clinical experience if the candidate is trained from accredited residency program



Education & Clinical Training

- **Education Program**
 - 7 Universities offer graduate program
- No accredited education program
- **Professional Training Program**
 - 2 accredited residency programs
 - Many clinical training centers

2. Certification Examination

Written

General	Part 1	Part 2	Part 3
<ul style="list-style-type: none"> ▪ Basic radiobiology ▪ Radiation protection ▪ nuclear physics ▪ Basic statistics 	<ul style="list-style-type: none"> ▪ Radiation Measurement(40) ▪ Radiation Physics(40) ▪ Medical modality(20) 	<ul style="list-style-type: none"> Radiation Biology(20) Radiation Protection(40) Anatomy & Physiology(20) Elective exam(20) 1) Radiation Oncology 2) Radiology 3) Nuclear medicine 	<ul style="list-style-type: none"> Diagnostic Radiologic Physics (100) Therapeutic Radiologic Physics (100) Medical Nuclear Physics (100)

Oral

- Radiation Protection and Patient Safety
- Patient-Related Measurements
- Image Acquisition, Processing and Display
- Calibration, Quality Control and Quality Assurance Equipment

3. Maintenance of Certification

- ✓ **Established the regulation in April 1 2006**
- ✓ **Need to acquire: 10 credits CME/year**
 - 4 credits from attending annual KSMP meeting
 - 2 credits from attending continuing medical education program offered by KSMP
- ✓ **Cancel certification**

If the personnel does not meet the requirements (10 points/year) for 3 years in a row



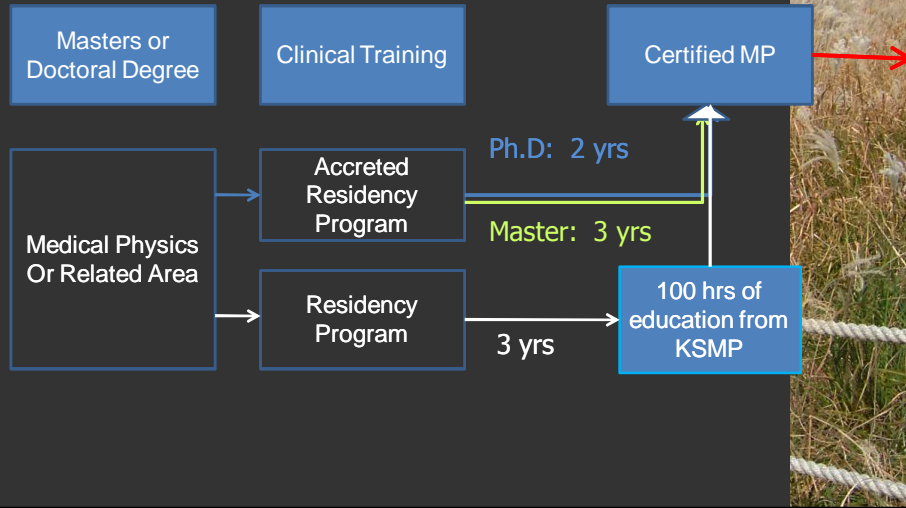
Credits

Subject	Credit	Limit
1. Attend KSMP Annual Meeting	4 / meeting	-
2. Continuing education by KSMP	2 /Participation	-
3. Attend Annual meeting of related Society	2 /Participation	2
4. Paper publication	1st/ corresp.: 4 Others : 2	4
5. Lectures	2/hr	4



Summary;

Pathway to become a Certified MP



→ Legislation of Medical Physicists

Acknowledgement

Dr. Young Hoon Ji : Legislation Committee Chair
Dr. Rena Lee : Education Committee Chair