Global Education Work

Session Tittle: Addressing Global Needs in Medical Physics Support

July 11, 2022 - 4:30-6:00 PM

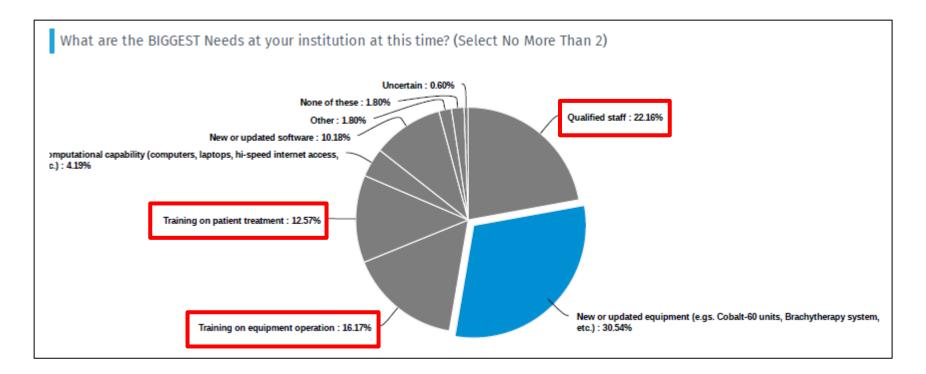
AAPM 2022

Cesar Della Biancia, PhD

Memorial Sloan Kettering Cancer Center Member of GNAC and GRSC (AAPM International Council)

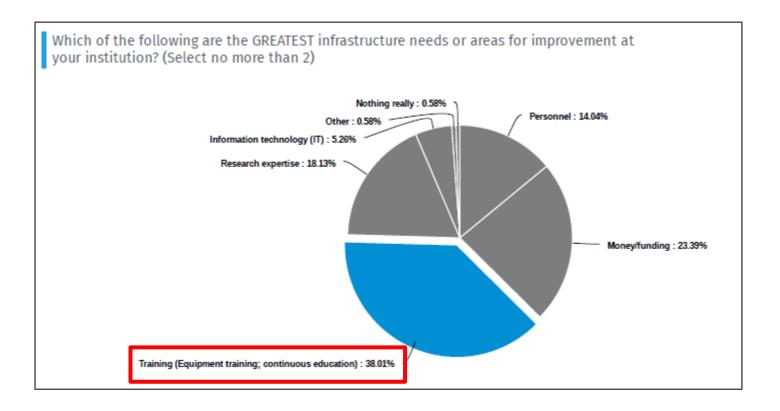
No conflict of interest

Data from the survey to global institutional leaders



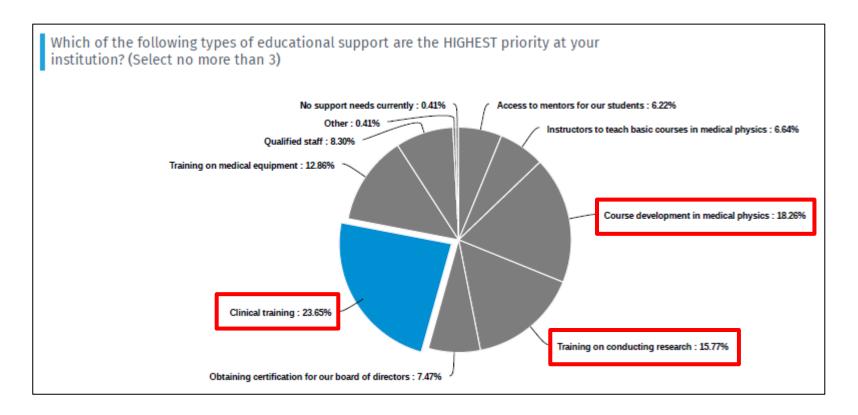
Needs

Data from the survey to global institutional leaders



Needs

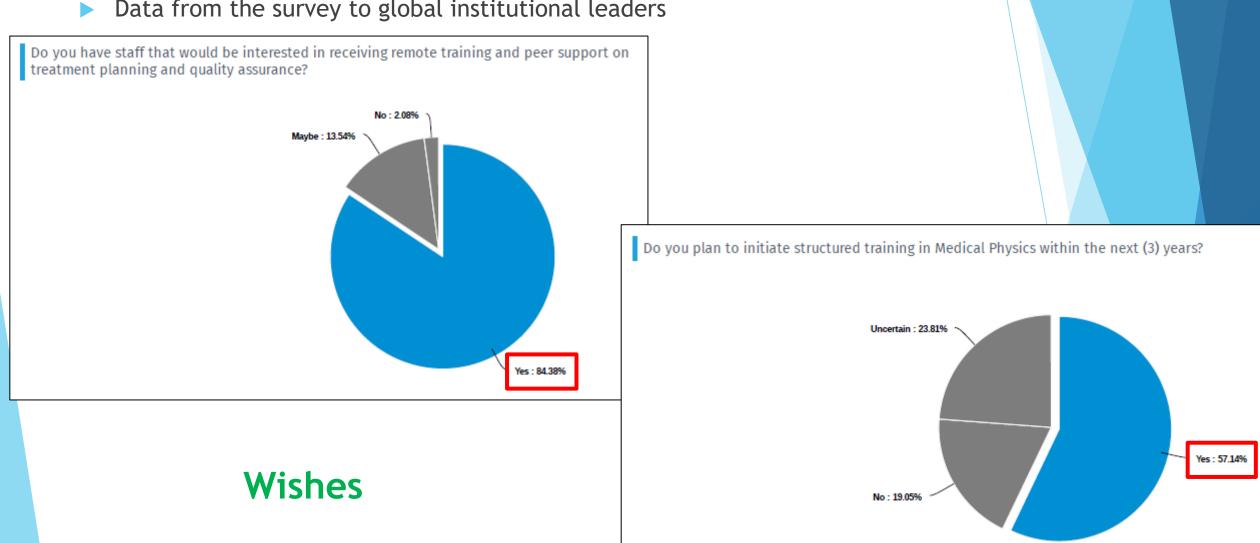
Data from the survey to global institutional leaders



Priorities



Data from the survey to global institutional leaders



Global Education - AAPM

- AAPM provides a variety of programs, membership opportunities, and resources for medical physicists, students and related medical and scientific professionals anywhere in the world
 - International Scientific Exchange Program
 - ► AAPM Virtual Library → continuing education courses
 - AAPM/IOMP Library program
 - ► IAEA sponsored Training Programs
- International Council (IC)
 - Created: 10/1/2020
 - Council Chair: Dr. Jatinder Palta
 - ► Interconnections between all committees (6)



Global Education and Training



Global Data and Information Exchange



Global Medical Physics Education and Training



Global Needs Assessment



Global Liaisons



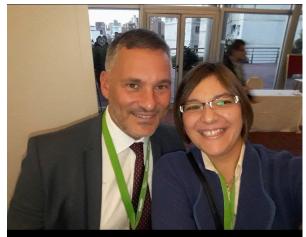
Global Research and Scientific Innovation

Since 1998 → involved in Seminars, Conferences, Workshops and Round tables in different cities in Argentina, especially Córdoba





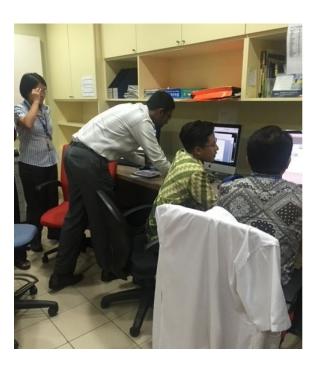






≥ 2015 → IMRT/VMAT and SBRT training (Prostate, Lung, Brain and Spine) - General Hospital of Kuala Lumpur, Malaysia







► 2016 → ISEP/AAPM/IOMP Radiation Therapy Physics Course: Foundation on Theories,

Developments, And Practices (Brachytherapy, Advances in IGR, QA Imaging

Device/IGRT) - Jakarta, Indonesia









▶ 2019 → IAEA SBRT Regional Training Course (Prostate, Spine, SBRT QA and QC, Treatment Planning workshop) - Manila, The Philippines

TN-RAS 6085 - 1807212

IAEA/ RCA Regional Training Course on Stereotactic Body Radiation Therapy for Spine and Prostate Carcinomas

Manila, Philippines 12 - 16 March, 2019











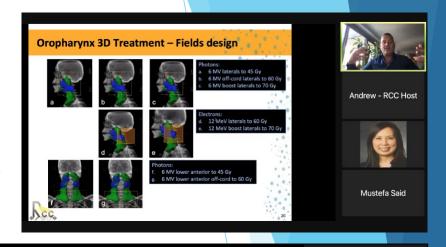








- 2020/2021 → Rayos Contra el Cancer
 - Transition to IMRT 2.0 (for Africa and Middle East English Virtual)
 - ► Transition to IMRT 2.0 (for Latin America Spanish Virtual)



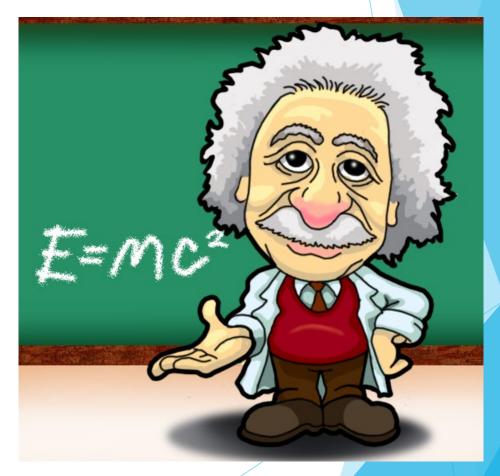


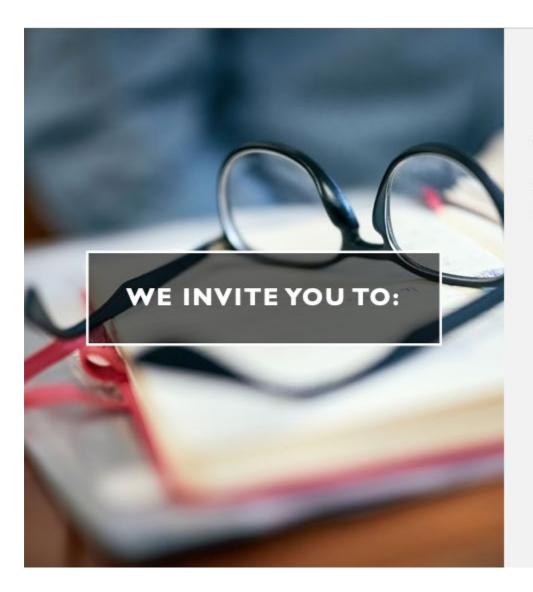


- ≥ 2022 → Rayos Contra el Cancer
 - Mastering IMRT/VMAT (for Latin America 0 Spanish Virtual)

Global Education Your help is very much appreciated

- Voluntary work
- A couple of hours of your time and expertise means much more than that for LMICs
- Stay connected with AAPM for training and educational opportunities





Help disseminate the survey to global institutional leaders

https://bit.ly/GNAC1



Thank you so much for your attention

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