



Role of Filipino Women Professionals in Safe and Effective Nuclear Health Care

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Presented at the 23rd WIN Annual Conference
24–28 August 2015 | Vienna, Austria

Outline of Presentation

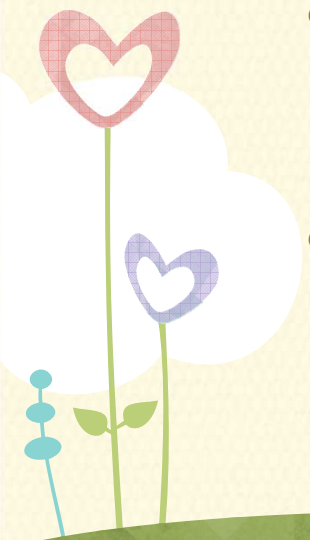
- ◉ National legal framework for women empowerment
- ◉ Nuclear health care in the Philippines
- ◉ Nuclear regulatory body in ensuring safety
- ◉ Professional scientific societies ensuring effective nuclear health care
- ◉ Concluding remarks



Legal Framework

Institutionalizing Women Empowerment

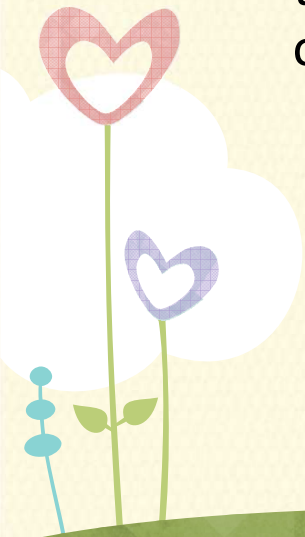
- ◉ 1975
Law creating the National Commission on the Role of Filipino Women (NCRFW)
- ◉ 1987
Integration of principle of gender equality in Philippine Constitution and recognizing the role of women in nation building
- ◉ 2009
Magna Carta of Women providing better protection of women and renaming NCRFW to Philippine Commission of Women



Women Meet Atoms for Peace in Health Care

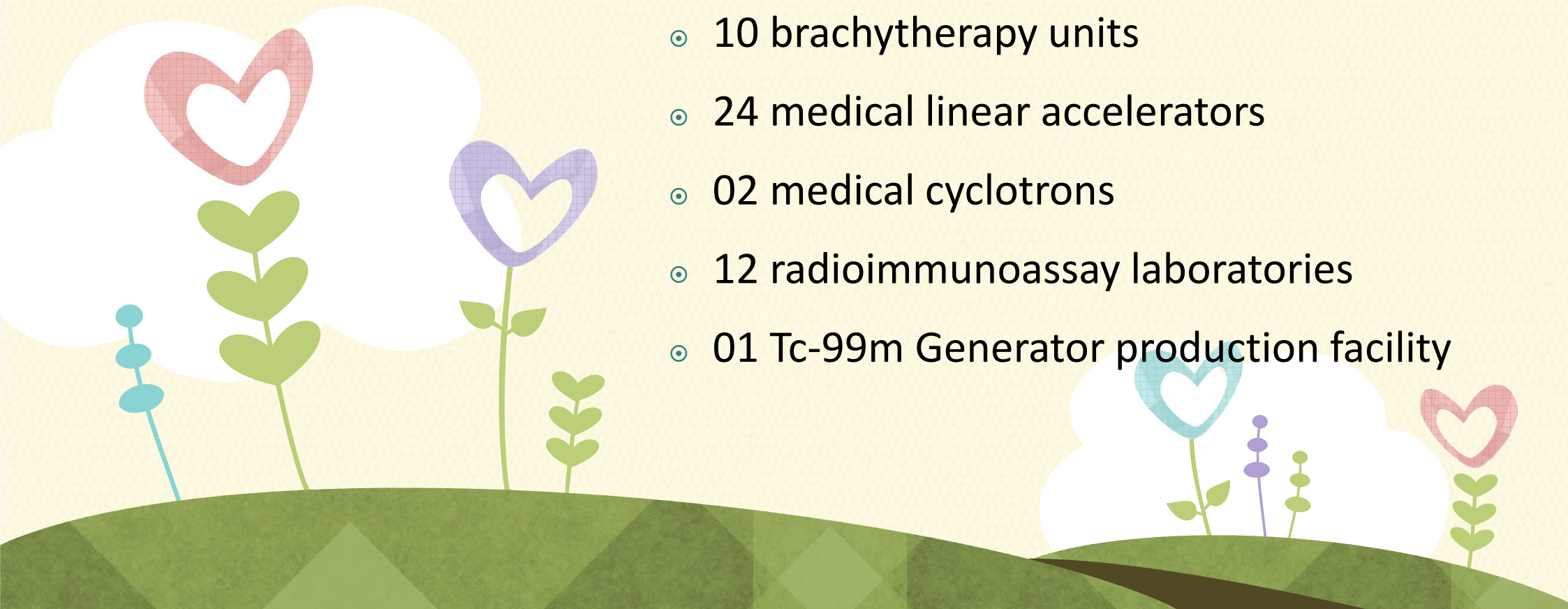
Major applications of nuclear energy in health care:

- ◉ Nuclear medicine where radiopharmaceuticals are used to diagnose functions/disorders of body organs, including cancer
- ◉ Radiotherapy where RAMs and electrically generated ionizing radiation are used in the treatment and management of cancer



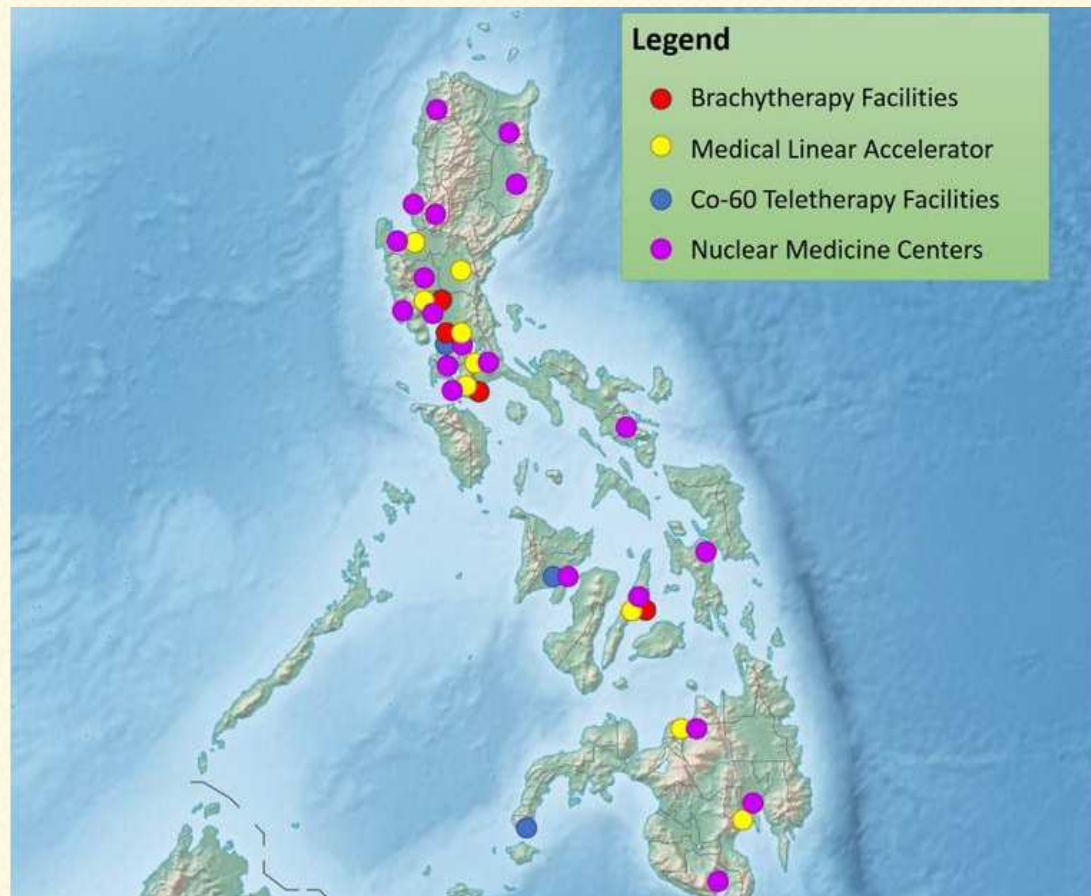
Facilities in Nuclear Health Care

- ◉ 50 nuclear medicine centers
- ◉ 07 Co-60 teletherapy units
- ◉ 10 brachytherapy units
- ◉ 24 medical linear accelerators
- ◉ 02 medical cyclotrons
- ◉ 12 radioimmunoassay laboratories
- ◉ 01 Tc-99m Generator production facility



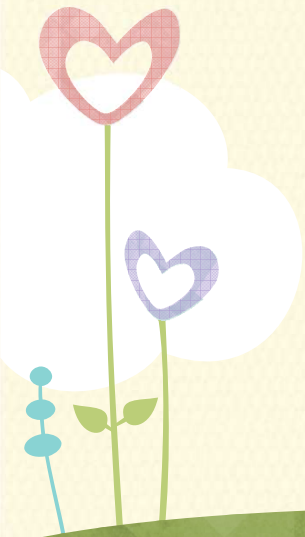
Map

Medical Nuclear and
Radiation Facilities in the
Philippines



Major Classifications of Women Professionals in Nuclear Health Care

- ◉ Nuclear regulators
Nuclear specialists in PNRI and the Department of Health who ensure the safety of the application of radioactive materials and electrically-generated ionizing radiation in health care
- ◉ Licensed users
Medical doctors, medical technologists, medical physicists, radiation technologists who ensure the effectiveness of nuclear procedure, and
- ◉ Members of professional societies
Experts who assist the above in education and training and render expert advice as needed



Professional Societies in Nuclear S&T

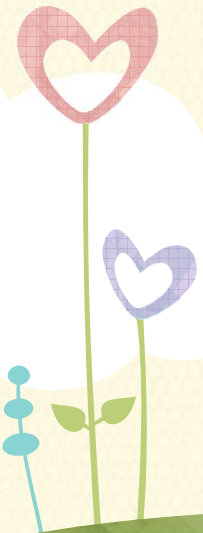
- ◉ Philippine Society of Nuclear Medicine
- ◉ Philippine Radiation Oncology Society
- ◉ Philippine Association of Radiation Protection
- ◉ Philippine Organization of Medical Physicists
- ◉ Radioisotope Society of the Philippines



Safety

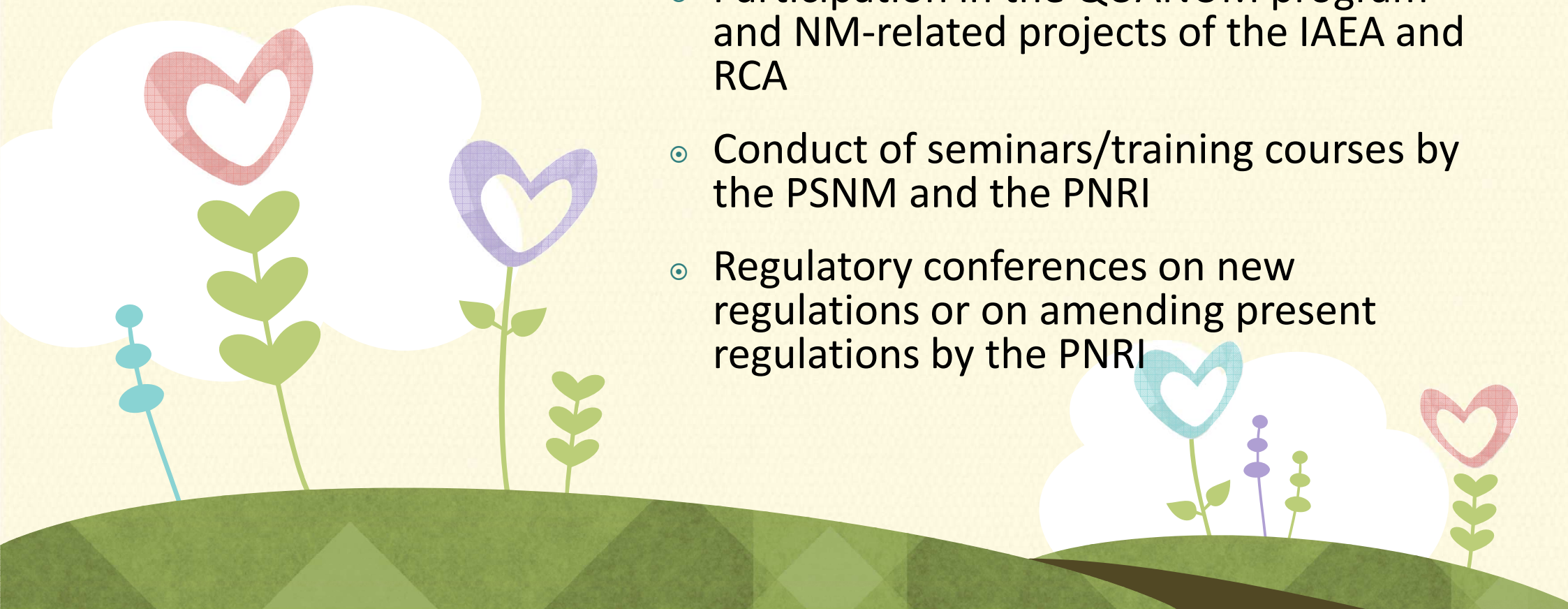
The PNRI plays a critical role as the nuclear regulatory body with the implementation of the following Codes of PNRI Regulations (CPR):

- ◉ Part 12
Licenses for Medical Use in Teletherapy
- ◉ Part 13
Licenses for Medical Use of Unsealed Sources
- ◉ Part 14
Licenses for Medical Use of Radioactive Sources in Brachytherapy
- ◉ Part 20
Licenses for the Manufacture and Dispensing of Radiopharmaceuticals
- ◉ Part 21
Licensing and Safety Requirements of Particle Accelerator Facilities for the Production of Radioisotopes



SAFETY AND EFFECTIVENESS IN
Nuclear Medicine

- ◉ 3-year residency /training program of PSNM
- ◉ Participation in the QUANUM program and NM-related projects of the IAEA and RCA
- ◉ Conduct of seminars/training courses by the PSNM and the PNRI
- ◉ Regulatory conferences on new regulations or on amending present regulations by the PNRI



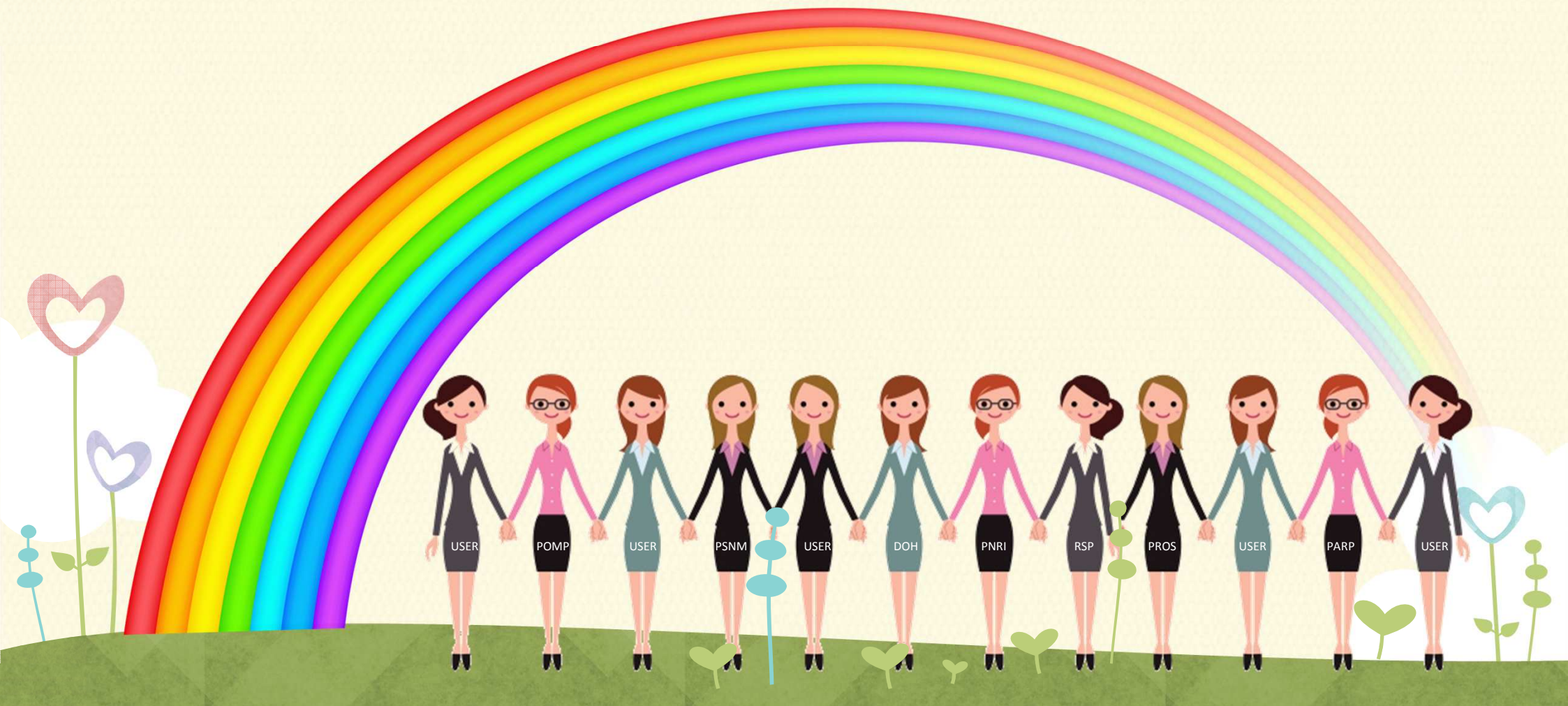
SAFETY AND EFFECTIVENESS IN

Radiotherapy

- ◉ Long-term training program taken locally or abroad
- ◉ Participation in the QUATRO program and relevant regional projects of the IAEA and the RCA
- ◉ Conduct of training courses/seminars/conferences by the PROS and PNRI
- ◉ Conduct and participation in regulatory conferences organized by the PNRI



Concluding Remarks





THANK YOU!

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