

Women in Medical Physics in Africa and the role of IOMP

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Outline

- Introduction of IOMP
- Present facts
- IOMP women survey
- Further initiatives of IOMP regarding women
- Conclusions





- role of MPs in many developed countries and their contribution to unsurpassed clinical service is not apparent in developing countries.
- The differences between continents are quite large

IOMP: www.iomp.org



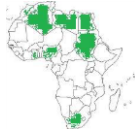
Facts about Africa

- 55 countries in the Continent
- 49 are UN members
- 38 are IAEA member states and
- 32 are AFRA (Regional) member states



AFRICAN COUNTRIES WITH ACADEMIC PROGRAMMES

- ALGERIA
- EGYPT
- GHANA
- LIBYA
- MOROCCO
- NIGERIA
- SOUTH AFRICA
- SUDAN
- TUNISIA

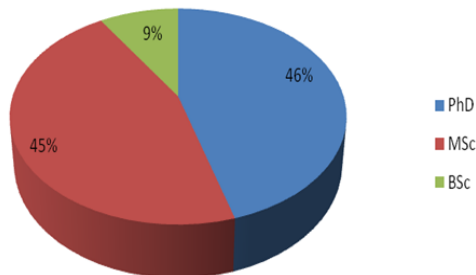


AFRICAN COUNTRIES WITH CLINICAL / RESIDENCY PROGRAMMES

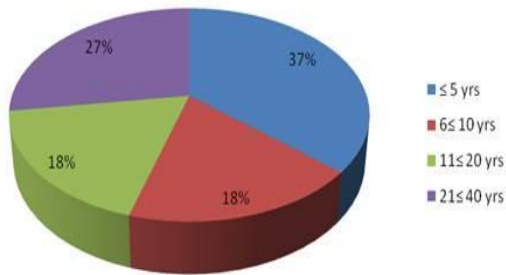
- EGYPT
- MOROCCO
- SOUTH AFRICA



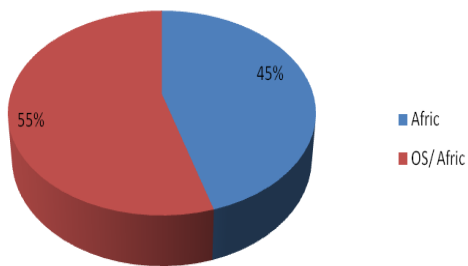
Qualification of MP in Africa



Working experience of MP in Africa



Location of African MP training





Wikipedia: **Women have made significant contributions to [science](#)** from the earliest times

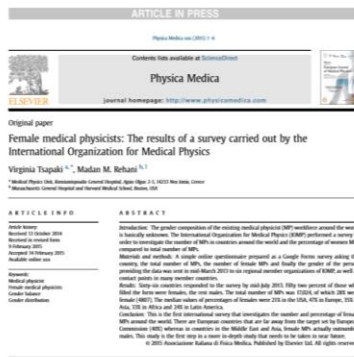


- European Commission (2012a)
She Figures 2012

“Women and Science – Statistics and Indicators. Directorate-General for Research, Science and Society, 2012”



IOMP Women survey

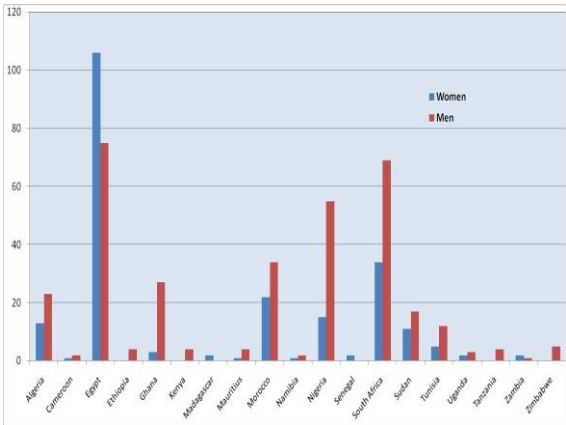
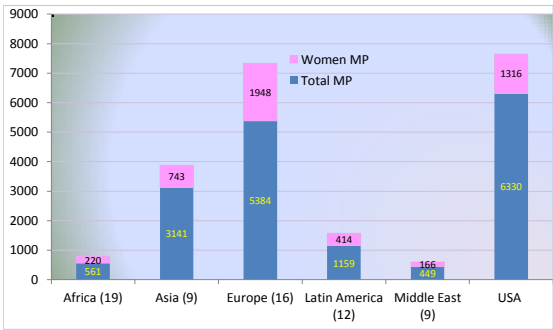


Results

- 66 answers
- 52 % given by women
- Total number of MPs : 17024.
- Women are : 4807 (28 %).



Summary by continent (country)



Africa

Country	Women	Men
Algeria	13	23
Cameroon	1	2
Egypt	106	75
Ethiopia	0	4
Ghana	3	27
Kenya	0	4
Madagascar	2	0
Mauritius	1	4
Morocco	22	34
Namibia	1	2
Nigeria	15	55
Senegal	2	0
South Africa	34	69
Sudan	11	17
Tunisia	5	12
Uganda	2	3
Tanzania	0	4
Zambia	0	1
Zimbabwe	0	5
TOTAL	220	341

- 80% of countries have less than 40% women MP
- 31% of African countries have less than 20% women MP



The distribution of female MPs in Middle East

A/A	Country	Total MPs	F MPs	% F MPs
1	Bahrain	30	26	87
2	Saudi Arabia	250	50	20
3	Lebanon	14	7	50
4	Oman	25	15	60
5	Qatar	15	6	40
6	Yemen	6	1	17
7	Syria	30	6	20
8	UAE	45	35	78
9	Iraq	34	20	59
	TOTAL	449	166	37



The distribution of female MPs in Asia

A/A	Country	Total MPs	F MPs	% F MPs
1	Bangladesh	263	66	25
2	Brunei	3	3	100
3	China	1600	235	15
4	India	1000	300	30
5	Mongolia	4	2	50
6	Philippines	106	54	51
7	Singapore	27	7	26
8	Sri Lanka	26	9	35
9	Thailand	112	67	60
	TOTAL	3141	743	24



Further IOMP Women initiatives



IOMP Women Task group IOMP-W

- Virginia Tsapaki, Chair (Greece)
- Stoeva Magdalena (Bulgaria)
- Teh Lin (USA)
- Nicole Ranger (USA)
- Jamila Al Suwaidi (UAE)
- Simone Kodlulovich (Brazil)
- Anchali Krisanachinda (Thailand)
- Rebecca Nakatudde (Uganda)
- Amanda Cherpak (Nova Scotia)
- Efi Koutsouveli (Greece)
- Pola Platoni (Greece)



IOMP-W logo



<http://www.iomp.org/IOMP-W/>



IOMP women Posters



Papers and other initiatives

- **Publish articles** related to ionizing radiation medical procedures in pregnant woman/children. This is being prepared by 2 members of our group.
- Participation in **international campaigns**.
- Try to include more women in conferences as speakers and chairs.





Challenges for women MP in Africa

- The recognition of clinically qualified medical physicists in Africa is still limited.
- Limited financial and staffing resources
- Still today the majority of women in Africa are denied education and employment
- Limited opportunities for work



“Poverty has a woman’s face in Africa”

As the UN chair Economic
Commission for Africa Committee
on women and development
quotes



Conclusions

- There are African countries that have only women MPs.
- There are African countries that have higher percentage of women than men.
- **80% of African countries have less than 40% women MP.**
- **31% of African countries have less than 20% women MP**
- We are now in close relation to FAMPO identify women in all regions for developing an action plan devoted to women.



**Thank you for your
attention**