Updates working group

Internal Medicine and Assessment of Gender differences In Europe

Alberto M. Marra
Letter to the Editor

The Internal Medicine and Assessment of Gender Differences in Europe (IMAGINE): The new European Federation of Internal Medicine initiative on sex and gender medicine

Fig. 1. The framework of the IMAGINE working group.
Defining and Measuring Sex and Gender in Clinical Research
Co-chairs: Prof. Dr. Louise Pilote and Prof. Rachel Dreyer

European physicians' awareness of the difference between sex and gender: the IMAGINE survey

Valeria Raparelli, Marco Proietti, Ewelina Biskup, Alberto Maria Marra
On behalf of the IMAGINE Group

Atlanta, 3 May 2018
IMAGINE Survey Preliminary Results

IMAGINE Questions
Question 1 - Do you think that the terms "SEX" and "GENDER" are synonymous?

- Yes: 78.3%
- No: 15.3%
- I don't know: 6.3%
Question 2 - Please, read the following statements, and indicate how much you agree or disagree with each one of them....
"Sex" for Reporting Biological Factors

"Gender" for Reporting Identity/PsychoSocial/Cultural Factors

Sex & Gender Interact Influencing Health

Sex & Gender Determinants of Health Whole Life

Sex & Gender Should Be Considered in Research Planning

There is Lack of Evidence in Sex/Gender in Clinical Research

I Always Look for Sex & Gender Data while Prescribing

Sex-Stratified Analysis are needed in RCTs
Question 7 - Among the following topics which are the ones you are most interested in knowing if sex and gender differences exist and influence the clinical management?

- Cardiovascular Diseases: 66.2%
- Intestinal Bowel Diseases: 8.3%
- Lung Diseases: 4.1%
- Kidney Diseases: 3.3%
- Infectious Diseases: 3.4%
- Rheumatological Diseases: 0.7%
- Liver Diseases: 0.4%
- Blood Diseases: 0.7%
- Metabolic Diseases: 0.8%
- Mental Disorders: 0.8%
- Immunological Diseases: 0.7%
- Cerebral/Cognitive Diseases: 7.3%

Other topics receive less than 1% interest.
What does IMAGINE survey add to current knowledge?

There is room for improving medical education in young professional physician regarding integration of sex and gender perspective in Health disease.

A breakthrough in the knowledge background of European physician is ongoing.

Physician community is aware of the drawbacks of RCT and guidelines as they recognize the low rate of women participation and the absence of clinical guidelines specific for sex.

There is a willingness to learn more about (Cardiovascular, Gastrointestinal and Cerebral Diseases).
OSSD Young Investigator Award
Next Steps

Parallel Session 14 | Gender medicine for the internist
Saturday, 01. Sep 09:30 - 10:30
Lecture hall 2
parallel session

Chair

Alberto Maria Marra, Italy
Ewelina Biskup, Switzerland

Presentations

09:30
★
Sex and gender in cardiometabolic and inflammatory diseases
Vera Regitz-Zagrosek

10:00
★
Gender aspects of diabesity: New aspects in a new science
Alexandra Kautzky-Willer
Next steps

• WISE-Women Initiative for Stroke in Europe asked for a collaboration with the IMAGINE WG.

• Intervention study: survey before and after a webinar to compare the effects of an intervention on several key points regarding the gender/sex issue

• Systematic review of the literature on relevant topic.
Thanks to

- EFIM Executive Committee
- Young Internists Subcommittee and Assembly
  - EFIM Affiliated national Societies
  - Members of the IMAGINE WG