



Silvana Quaglino

Lab. Biomedical Informatics "M. Stefanelli"

Dept. of Electrical, Computer and Biomedical Engineering, University of Pavia

SIBIM

**SOCIETÀ SCIENTIFICA
ITALIANA di
INFORMATICA
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Established in 2016

EFMI



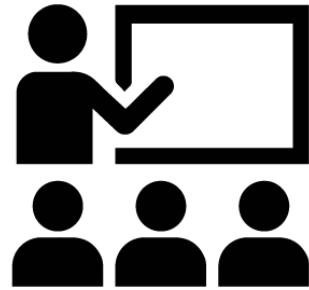
EUROPEAN FEDERATION
for MEDICAL INFORMATICS



Universities
and CNR
centers
involved

Which actions from a national scientific society of biomedical informatics?

- Education



- Sensitization



Education

Since we are in the academia

- Deliver education to:

- bioengineering and medical students (teaching FAIR principles in our courses)



- healthcare professionals (medical specialty schools: medical informatics beyond Excel)



- For showing that:

- Transparency leads to better scientific research: sharing data must not be considered as a loss of power, but as an opportunity for everybody to do better science

- It is possible to implement win-win strategies

... Education

There are many aspects that are largely unknown to many people:

- Regulations
- Licenses
- Probably knowing how to share data without losing all the «rights» on them could decrease the jealousy for their data that so many physicians show



Sensitization: a paradigmatic (personal) story



Just after a physical doctor visit:

«In fact, in the light of the visit and X-ray images, I should access your EHR and modify the diagnosis made by your GP, which was not correct, but it takes me too much time.

Don't worry, nothing changes for you, I will prescribe you the correct therapy plan»

«Sure, probably nothing changes for me, but what about a possible case-base reasoning process that will use my data ? Results will be based on inconsistent data, probably learning wrong rules that somebody could apply to future patients !»



What's the problem?



«In fact, in the light of the visit and X-ray images, I should access your EHR and modify the diagnosis made by your GP, **but it takes me too much time.**»

Don't worry, nothing changes for you, I will prescribe you the correct therapy plan»

Who's to blame ?

The healthcare organisation, which allows only 15 minutes per visits

The software, which makes it too laborious to make a change

The doctor, who does not fully understand the consequences of his behaviour

...



Sensitization actions

since we collaborate with many medical teams, medical societies and healthcare organisations, we can sensitize

- Healthcare professionals and researchers (about the importance of providing good quality data)
- Hospital software providers (to improve real-time quality check on data entry, and to improve usability and human-computer interface)
- Healthcare organizations (to pretend such functionalities for the systems they purchase)



Thank you

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