

“If I have seen further it is only by standing on the shoulders of Giants.”

Isaac Newton



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GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The ultrasound scanner is the semiological instrument which allows us to see further.*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *The ultrasound is an inexhaustible source of information for the doctor who can search and who can see. (prof. Luigi Bolondi 2006)*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The ultrasound is an apparently simple technique, which can be easily repeated and is not invasive. It does however requires a sharp, critical mind with wide basic and applicative knowledge. It is the first examination to be carried out immediately after the first anamnestic and semiological approach with the patient. (prof. Giovanni Gasbarrini 2006) .*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *Following the correct anamnesis and an attentive objective examination, the ultrasound examination supplies the clinical information needed for the diagnosis and the differential diagnosis. It is the essential instrument for the evaluation of the presence of a pathology or of a modification of an organ, for its follow-up and for its treatment.*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *The practice of general medicine has always represented an equilibrium between science and art, knowing and understanding what to do.*
- *It is the general medicine doctor's task to know and to understand what to do.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The ultrasound scanner is the best way for the general medicine doctor to investigate and to research, therefore it is the best way to understand and give the patient explanations in an appropriate way, which is scientifically correct and updated.*

Introduction and basis principles

• *We, doctors of general medicine, strive to be competent doctors because, as Primo Levi stated-*

• *“Competence has no surrogates”*



GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *The ultrasound is the instrument to increase our competence and therefore our professionalism.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The ultrasound instrument as a means to be competent*
- *and improve our professionalism, but also to increase our financial recompense.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *We, doctors of general medicine, the last of the clinical doctors, use the ultrasound not as an aim, an objective, but as a precious tool which is astonishingly versatile and irreplaceable, but still only a tool, an instrument to better cure the patients.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The ultrasound scanner is the necessary semiological instrument to reach a faster diagnosis and the doctor who uses the ultrasound scanner arrives faster to a diagnosis, as Dr Fabio Bono and his collaborators have demonstrated.*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *How can we reach the objective?*
- *This is the first basic principle, the fundamental pillar of the whole architecture*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *The doctor of general medicine must equip himself with a library of -*
- *Normal images and videos*
- *Pathological images and videos*
- *(Dr. Fabio Bono)*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *NOW IT IS TIME TO ASK OURSELVES ANOTHER IMPORTANT QUESTION*
- *IS IT POSSIBLE TO PRACTICE GOOD GENERAL MEDICINE WITHOUT THE ULTRASOUND?*
- *What will your answer be?*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *I gave myself this answer:*
- *Yes, of course, in the same way as it had always been done until 10 years ago,*
- *However, from now on and in the near future we will not be able to do without the ultrasound scanner. If we did not use it we would be at the wrong time and in the wrong place. This is why in our surgeries we must have an ultrasound scanner, so that it can become an indispensable tool in our work and in our research, as it is in any other branch of medicine.*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

- *I reiterate and stress the idea that -*
- *The best ultrasound doctor is not he who has mastered the latest, more complex, expensive and laborious techniques, but him who starts from the clinical question and from the knowledge of other diagnostic methodologies and is able to use the ultrasound in a targetted and functional way, to deliver the best cure to the patient.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *The effectiveness of an ultrasound examination will be directly related to its influence on the medical choices. We will evaluate at the end of this consultation on the “miei” website if I have shared with you useful information to this aim, and if I have abided the basic principles mentioned above.*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *With this in mind, let us ask ourselves a few more questions: who are we? Why are we here today? Where would we like to go?*
- *We are GPs who are enthusiastic about the ultrasound method, and who have a strong willingness to spread it over the entire national and international territory.*
- *We have built our experience over ten years, as in my and Andrea Pizzo's case, or even twenty years, as it is for Fabio Bono , Claudio Ravandoni, Claudio Benedetti, Angelo Campanini and Andra Petrucci. We now make this experience available for the success of the ECO FIMMG- METIS school, and we are open towards anyone who would like to join the group.*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

CONCLUSIONS

- *I have never met a great -DOCTOR- scientist who was not fundamentally an artist with a very vivid imagination and a great mental acumen.*
- *Science and art obviously draw from the same creative source.*
- *Theodor Billroth, Vienna 1886*

GENERAL PRACTICE ULTRASOUND BASIC PRINCIPLES

- *We are on the same level with other branches of the SIUMB school of general use ultrasound, because it would be impossible to be taught by the hospital radiologist, or by the hospital gastroenterologist or by the hospital oncologist, etc., how we should be working in our general practice surgeries using the ultrasound scanner.*
- *Since we have our own specific target, the general practice ultrasound doctor must be able to put the ultrasound probe on the neck, in the abdomen and on the limbs, in order to be able to identify the normal or pathological elements .*

GENERAL PRACTICE ULTRASOUND

BASIC PRINCIPLES

School of general practice ultrasound

- *The strength of a school is its team work.....*
- *The strength of a school is the freedom of action*
- *The strength of a school is the intellectual respect*
- *The strength of a school is to think big.....*
- *.....and the first rule is that of never betraying the enthusiasm and of giving space to the individual initiatives.*
- *Prof. Alessandro Carriero June 2006*

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*General Practice
Ultrasound!!*

*THANK YOU
for your attention
Have a good general practice
ultrasound.*



