

## PS2.138

### **Chest X-ray (signs and radiological patterns) - essential knowledge for a family doctor**

*Elena Klusova(1,5), D Sánchez Fuentes(2), P Martín Pérez(3,5), JM Helguera Quevedo(4,5)  
on behalf of The Respiratory Tract Semergen Scientific Society Working Group, Spain*

*(1) Urgency/Emergency Department, University Hospital Can Misses, Ibiza, Spain*

*(2) Nuclear Medicine Unit, University Hospital 12 de Octubre, Madrid, Spain*

*(3) Cruce de Arinaga Doctor`S Office, Health Center Agüimes, Canarias, Spain*

*(4) Health Center Bajo Asón, Cantabria, Spain*

*Corresponding author: Dr Elena Klusova, Hospital Can Misses, Ibiza, Balearic Islands,  
Emergency Department, Madrid, Spain. E-mail: ele.k@hotmail.es*

**Background & Aim:** X-ray is a common imaging test that has been used for decades, and nowadays it keeps on being one of the most used tools by family physicians in primary care consultations and hospital emergency departments. Deep knowledge and intelligent management of this technology gives quality to our therapeutic work.

The low cost of the test, the speed of implementation, scarce harmfulness due to low level of radiation, good precision, high specificity and good sensitivity of x-ray to many pathologies, has turned the radiological study into a key element for identification, diagnosis and treatment of many types of medical conditions.

**Method:** Survey of the level of knowledge and needs of the workshop participants.

Definition of signs and radiological patterns in the chest X-ray with the help of visual tools.

Interactive work of recognition of learned signs and patterns on clinical cases and real x-rays with establishment of radiological diagnosis

Questions and answers.

**Results:** With our workshop we intend to assemble our assistants with a powerful diagnostic tool (making a paragraph on the rationalization of the request of complementary tests in our therapeutic work) making them capable of diagnosing unequivocally the main pathologies of chest.

**Conclusions:** Family medicine is one of the most complex specialties in the medical practice as a consequence of the broad field that includes.

The quality of health care we provide to patients depends on wide range of our skills and capabilities, among which a correct reading of the simple X-ray turns out to be among the most feasible. Its ability to save time, avoid costly tests and to provide a correct treatment, makes it one of the most powerful quality and cost effective tools, which guarantees the excellence of our therapeutic work.