

Session 3: Quality and Safety, Improving Medical Practice

Remarks from Lionel Hadjadjeba, COCIR

European Commission can support and strongly encourage EU member countries to

- *Continue to invest in Training and Education*
- *Continue to invest in Diagnostic and in Treatment systems to increase density/quantity and quality*

Quantitatively:

Huge discrepancy between Nordic countries/ Switzerland and Eastern European countries, some key datapoints:

- *Density of RT systems from 9,6 in Denmark to 1,6 in Romania*
- *Western Eu: 6,8*
- *Eastern Eu: 2,6*
- *China: 1,2/ India: 0,3*

Qualitatively:

- *Newer machines can diagnose/ treat more precisely with more efficiency, less side effect and higher throughput with less sessions (down to 1 to 5)*

Western European countries have an aging park that needs to be renewed with, as an example for RT systems, machines that can offer the possibility to treat much more precisely, with much less side effect and offering a much improved quality of Life to Cancer patients

Cancer is not anymore (in the great majority of the cases) a fatal disease, it has become a Chronic disease with recurrences

Newer machines offer techniques and capabilities such as

- *IMRT/IGRT/SBRT*
- *Adaptive therapy, Re-treatment, gating, motion management*

Last but not least, EC Commission can help the Eu members to

- *Ensure smart and transparent procurement through open tenders*

Support Health Economic studies such as HERO, Health Economics in Radio Oncology, co-lead by Pr Lievens

French citizen, living in the USA and in Switzerland, having lived in many others and holding a global role, I can compare countries around the globe and the data show that the Nordic countries, France and Switzerland are examples to follow when it comes to a very prudent, yet modern approach to Radio Therapy with a good balance between quality, quantity and efficiency of the system as compared to others