

First Steps in Oncology Pharmacy in Estonia

Mari Kand

Senior pharmacist

Pharmacy of Tartu University Hospital

Tartu, 29.01.2010



Some key facts about Estonia

- Capital: Tallinn
- Population: 1 340 415
- Area: 43 432 km²
- Two hospitals treating oncology patients:
 - North Estonia Medical Centre in Tallinn
 - Tartu University Hospital



Oncology Pharmacy in Estonia

- Preliminary work to prepare cytostatic drugs started in 2006
- Estonia joined the ESOP in 2006
- Today, Estonia is represented by five members in the ESOP
- Participation of ESOP Masterclasses in 2007 in Copenhagen and in 2009 in Athens
- QuapoS 4 is translated into Estonian
- Preparation of cytostatic drugs started:
 - March 2008 in the North Estonia Medical Centre in Tallinn
 - March 2009 in Tartu University Hospital



Oncology Pharmacy in Estonia

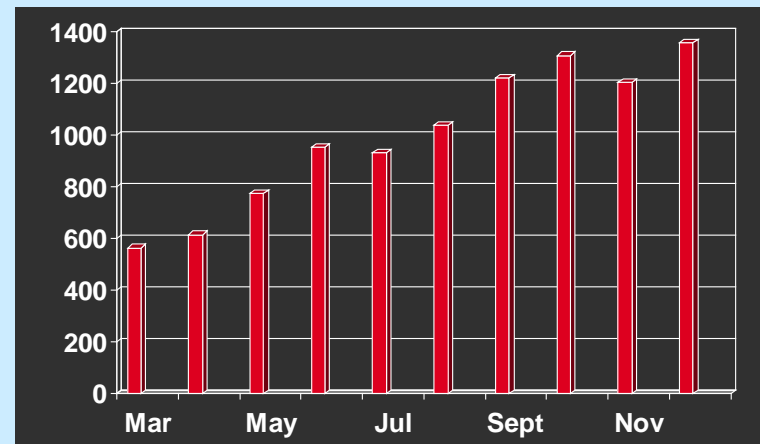
- Aseptic preparation in a grade A environment with a grade B background
 - Laminar air flow workbenches: Berner, Kojair
 - Personal protective equipment
 - Technical equipment: PhaSeal closed systems, luer lock syringes
 - Decontamination Set - Spill Kit: Berner, Ebewe
 - Waste disposal: Berner SealSafe
- Weight based preparation with software programs Cypro and Cato
- Cytotoxic drugs are transported in secured leakproof sealed boxes labelled with yellow hand



Oncology Pharmacy in Estonia

- Oncology patients receiving i/v chemotherapy total in 2009: 4 605
 - Tallinn 2 765
 - Tartu 1 840
- Treated cases total: 18 242
 - Tallinn 9 914
 - Tartu 8 328
- Prepared cytostatics total: 30 079
 - Tallinn 18 428
 - Tartu estimated 11 964

Total numbers of preparations in Tartu March-Dec 2009



Oncology Pharmacy in Estonia

- Next steps:
 - Preparing all cytostatics drugs in the pharmacy
 - Develop validation procedures
 - More closely collaboration with medical staff
 - Providing oncology pharmacy service to the patients

Great thanks to our supporting
colleagues from the ESOP!

