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Initiation of nuclear pharmacy for pediatric oncology at developing countries

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Radiopharmaceuticals are not treated with the same care and focus as chemotherapy and other supportive care medication. For expanding the pharmaceutical services at a pediatric oncology hospital to nuclear medicine department, basic knowledge about radiopharmaceutical and their use should be present. Advanced information about commonly used radiopharmaceuticals at your hospital should be gained, including preparation procedures, dosing, precautions, drug-drug interactions, drug-chemotherapy interactions, drug-food interactions and also radiation protection issues. Standards of medication ordering process, order reviewing and verifying, dose preparation and dispensing should be applied to radiopharmaceuticals management and use. Nuclear Pharmacist should also have an active role at Patient Education Process. All these considerations should be taken in mind in relation with the fact of dealing with a pediatric cancer patient.

Biography

Mahmoud Elsherif has completed his studies of Pharmaceutical Sciences at Helwan University. He joined the Hospitals of the Egyptian Armed Forces for one year then joined Children's Cancer Hospital 57357 as a clinical pharmacist since March 2014. He is a radiology and nuclear pharmacy specialist since Sep. 2015 and is a candidate of a training program for the use of radioactive materials and Radiation protection procedures, enrolled by The Egyptian Atomic Energy Authority (March 2016) .

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