The Mega Gamma Irradiation Facilities are the only units in Egypt capable of sterilizing medical products and reducing bio-burden in agricultural products. As a result of the high demand for irradiation of products and due to the difficulty in obtaining the Co-60 required for radiation processing as a result of restricting by nuclear security issues and the ban on their production and transportation, so we turned to using our electron beam accelerator to irradiate many products instead of irradiating them using gamma rays. Thus, validation studies have been done, and indeed many products have been succeeded in converting to irradiating with electron beam accelerator in addition to many new products. The selection of the products that proper for EB irradiation constrained due to the beam penetration and possibility for two sides irradiation of 3Mev electron beam used .

An overview of current irradiated products and how it helped to increasing income, and making the customers satisfied ,contrary to what was expected after this global crisis.