ca7-Sterilization of skin allografts by iozining radiation Selma C. Bourroul¹, Marisa R. Herson², Eddy S. Pino¹, Monica B. Mathor¹

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² Faculdade de Medicina da Universidade de São Paulo - Av. Dr. Arnaldo, 455, Consolação, cep: 01246-903 - São Paulo, Brazil Tissue Banks aim to provide effective and safe tissues, but despite careful donor selection and asseptic technique, bacterial and viral

outcomes. Topic of Interest: Infection. included radiation sterilization as a complementary step of skin processes in all cases of contamination by gram + bacteria, with good clinical in 85% glicerol and radiation sterilized. In view of these results, The University of São Paulo – Hospital das Clínicas/IPEN Tissue Bank has São Paulo, Brazil. Biomechanical Strain testing of control and irradiated samples were performed at the IPEN using na Instron Universal irradiated at a dose of 25 kGy at the Instituto de Pesquisas Energéticas e Nucleares / Comissão Nacional de Energia Atomica - IPEN/CNEN in sterilization represents a safe technology and a sterilization process where tissue is not damaged by increase in temperatures or chemical Machine. The results indicated the maintenance of structural and biomechanical characteristics in $0.15 \mathrm{mm}$ thick human skin fragments preserved preserved, the authors describe their results concerning the changes in histology and biomechanical properties of allografts (0,15 mm thickness), residues left behind. Interested in studying the effects of complementary radiation sterilization on human skin preserved in 85% glycerol contamination remains a threat. Some pathogens can be eliminated through additonal sterilization processes, among which, ionizing radiation

Ca 8 - Neonatal hyperthyroidism programs for lower thyroid radioiodine and hypothyroxinemia in adult rat.

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showed also a lower food intake, body weight and nose-to-tail length during all the period of study. Thyroxine treatment during lactation during the neonatal period. CNPq, FAPERJ, SR2-UERJ. gamma. Serum T_y , T_z and TSH concentrations were determined by rat specific radioimmunoassay. Compared to controls, thyroxine-treated rats programs thyroid function and body composition to a lower level. Nuclear medicine exams could take in account the thyroidal functional status $(43.8 \pm 3.53 \times 56.6 \pm 3.88 \text{ ng/dl})$, T4 (2.31 ± 1.11 × 3.43 ± 0.150 μ g/dl) and TSH (1.63 ± 0.08 × 2.54 ± 0.16 ng/dl) concentrations. Those animals Presented lower thyroid weight (15.3 \pm 0.74 X 18.5 \pm 0.73 mg) thyroid ¹²⁵I uptake (0.168 \pm 0.007 X 0.244 \pm 0.015 %/mg thyroid tissue), serum T3 the experiment, tha animals received 1251 (20 mCi/ml, i.p.) and were sacrificed two hours later. Thyroid 1251 uptake were determined in a Counter lactation. Body weight gain, nose-to-tail length, and food intake were monitored every four days, from parturition to 60 days of life. At the end of programming of this function. Wistar rats were treated with thyroxine (50mg/100g body weight, i.p.) or saline during the first 10 days of Evaluate the effects of thyroxine treatment during lactation upon the thyroid function in the adulthood, to test the hypothesis of neonatal

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