P-100 - INBORN ERRORS OF METABOLISM (IEM) IN TELEMEDICINE: EXPERIENCE AT GARRAHAN HOSPITAL.

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INTRODUCTION: Telemedicine provides health services to patients in which their access is limited by geography, lack of technological resources or specific doctors. In the case of IEM, where the number of medical references specialists and laboratories focus on the diagnosis of these pathologies are not enough to meet the demand in Argentina, telemedicine ensures the equal access all over the country of the technology and experience available at Garrahan hospital, which guarantees that a broad coverage of the specialty is provided in all argentine´s territory. National Health Secretary supports Telemedicine implementation.

OBJECTIVE: To describe the number of distant consultations received by the IEM services at Garrahan Hospital. Materials and METHOD: Descriptive and retrospective study of distant consultations received by the IEM services since October 2016 to September 2017. RESULTS: There were received 744 consultations and there were analyzed 363 cases, what differs from the consultations number, because each case originated new consultations. These were from Buenos Aires 12,8%, CABA 16,2%, Tucumán 9,30%, Salta 8,10%, Mendoza 7,80% y other provinces 45,8%. The 30% comes from the argentine northwest (NOA). -42 diagnostics were made (12%). They are detailed below: Galactosemia, Phenylketonuria, Biotinidase deficiency, Mucopolysaccharidosis, Mitochondrial Disorders, Gangliosidosis, Maple Syrup Urine Disease, Argininosuccinic Aciduria, Glutaric Aciduria, Methylmalonic Acidemia, Cobalamin Deficiency, 3-Methylglutaconic Aciduria, 2- Hydroxyglutaric Aciduria, Disorders of Urea Cycle, and Fatty acid oxidation defects. CONCLUSIONS: Having reached an accurate diagnosis in the 12% of the cases, it results similar as reported in the literature, when studying patients with risk criteria to IEM. 42 patients were able to access treatments and monitoring by this service due to this tool, during the analyzed period. Observing an increase in the number of consultations along a year, it makes to infer that telemedicine should be incorporated in other centers.