

CRITICAL AREA UNIT

Clinical activities

The Critical Area Unit is an area of Paediatric Emergency (n° 4 beds) dedicated to the semi-intensive therapy supported by patient monitoring 24 hours per day, continuous and intensive therapeutic treatment and non-invasive ventilation techniques. Patients are clinically unstable or at high risk of instability and are expected to have a low risk of adverse development. Patients need, therefore, a more qualitative-quantitative assistance than what they would get in an ordinary ward. The priority is given to patients coming from the E.R., but patients with an acute deterioration in other Units of the Hospital are treated here. The patient with stroke is treated in the critical area (dedicated assistance path).

When possible, the management mode of the backtransport is implemented for both Ligurian and extra-regional patients. Permanent mentoring for doctors of the Schools of Specialization in Paediatrics, Child Neuropsychiatry and periodic mentoring for doctors of General Medicine, doctors and nurses from other national hospitals.

Projects and main collaborations

- Observational/biological study "Safety monitoring of medicines and vaccines and evaluation of the effectiveness of flu vaccination in paediatrics"
- Multicentre and multidisciplinary study "epilepsy and Brugada syndrome: clinical and genetic correlation and prevention of SUDEP (Sudden Unexpected Death in Epilepsy)"
- Participation in the Multidisciplinary Working Group on Non-Invasive Ventilation
- Collaboration with the Istituto Superiore della Sanità (Italian National Health Institute) on the Safe Use of Drugs in Paediatrics and Adverse Reactions (Multicentre Study)
- International Multicentre Study on Injections (PERN)



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