
Articolo Originale - Original Article

Grave ipocalcemia da disidratazione in paziente in Nutrizione Parenterale Totale per Sindrome dell'Intestino Corto

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Severe hypocalcemia following dehydration in a patient with Short Bowel Syndrome on Total Parenteral Nutrition

ABSTRACT: A 29 year-old woman, with Short Bowel Syndrome due to extensive intestinal resection, jejunostomy and Central Venous Catheter (CVC) for Total Parenteral Nutrition (TPN) was hospitalized in our ward in poor general conditions, with septic fever due to CVC infection and dehydration due to the abundant secretions from the jejunostomy (up to 8-10 litres/day). During hospitalization a generalized tetanic crisis developed. Laboratory data showed low ionized calcium levels and Metabolic Alkalosis due to dehydration. Calcium Gluconate and Magnesium Sulfate were administered intravenously, and symptoms quickly solved. (RINPE 2005; 23: 18-21)

KEY WORDS: Hypocalcemia, Dehydration, Total Parenteral Nutrition

PAROLE CHIAVE: Ipocalcemia, Disidratazione, Nutrizione Parenterale Totale