

Colonic Stenosis Post-Necrotizing Enterocolitis in Term Newborn with Acquired Cytomegalovirus Infection

L. Marseglia¹, S. Manti¹, G. D'Angelo¹, M. Lima², P. Impellizzeri³, C. Romeo³, E. Gitto¹

¹Neonatal Intensive Care Unit, Department of Pediatrics, University of Messina, Italy

²Department of Pediatric Surgery, S. Orsola-Malpighi Hospital, University of Bologna, Italy

³Department of Pediatric Surgery, University of Messina, Italy

Abstract

Necrotizing enterocolitis is a gastrointestinal emergency typical of premature infants. Intestinal strictures infrequently complicate medical or surgical treatment of necrotizing enterocolitis. Postnatal cytomegalovirus infection with gastro-intestinal involvement has occasionally been described in subjects with necrotizing enterocolitis. We report the case of a full term infant presenting necrotizing enterocolitis, acquired cytomegalovirus infection and post necrotizing enterocolitis colonic stricture.

List of abbreviations: necrotizing enterocolitis = NEC, cytomegalovirus = CMV

Key words: necrotizing enterocolitis, term newborn, sepsis, cytomegalovirus, intestinal stricture

Corresponding author: Lucia Marseglia, MD

Neonatal and Pediatric Intensive Care Unit

Department of Paediatrics, University of Messina

Via Consolare Valeria, 1, 98125 Messina, Italy

E-mail address: lmarseglia@unime.it