

The Use of Gastrostomy Procedures in HNC Patients

A.G. Anghel¹, I. Anghel¹, M. Dumitru¹, D. Cristian², T. Burcoş²

¹E.N.T. Department, Coltea Clinical Hospital, Bucharest, Romania

²Surgery Department, Coltea Clinical Hospital, Bucharest, Romania

Abstract

Purpose: To analyse the gastrostomy procedures performed in HNC patients admitted to Coltea Clinical Hospital in order to underline the similarities and differences to the data published worldwide.

Patients and methods: Our retrospective study contains 64 HNC cases that met the inclusion criteria between 2008 and 2011.

Results and discussions: The study group presents numerous specific characteristics (a larger number of cases aged over 55 than younger patients; elective use of classic gastrostomy instead of newer techniques; approximately two thirds of the gastrostomies were performed in patients with laryngeal carcinoma; only one third approximately of the cases benefited from prophylactic gastrostomy; etc.).

Conclusions: 22% of the gastrostomies were made after the appearance of a pharyngocutaneous fistula. Therefore we will begin a future prospective study in order to ascertain the value of prophylactic PEG in preventing the appearance of pharyngocutaneous fistulas.

Key words: head and neck cancer, gastrostomy, PEG, pharyngocutaneous fistula, chemo-radio-therapy

Corresponding author: Ion Anghel MD

E.N.T. Department Coltea Clinical Hospital

I.C. Brătianu Ave. 1-3, 3rd district, 030171, Bucharest, Romania

Tel. 021.387.41.14

E-mail: ionangheldoc@yahoo.com