

REPORTS FROM THE DLV BRANCHES *IZVEŠTAJI IZ PODRUŽNICA DLV*

GENERAL HOSPITAL VRBAS – REPORT ON THE INTRODUCTION OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY (PEG) PLACEMENT

IZVEŠTAJ O ZAPOČINJANJU PLASIRANJA PERKUTANE ENDOSKOPSKE GASTROSTOME (PEG) U OPŠTOJ BOLNICI VRBAS

At General Hospital Vrbas, percutaneous endoscopic gastrostomy (PEG) placement has been introduced to improve nutritional support and provide long-term enteral feeding for patients with preserved gastrointestinal function who are unable to maintain adequate oral intake.

PEG is a minimally invasive procedure that provides direct access to the stomach through the abdominal wall under endoscopic guidance, allowing safe and effective long-term administration of enteral nutrition, medications, and nutritional therapy.

Compared with long-term nasogastric feeding, PEG offers several advantages, including improved patient comfort and tolerance, reduced risk of accidental tube removal, easier administration of nutrition, and better suitability for prolonged nutritional support. It preserves the physiological use of the gastrointestinal tract and is particularly valuable in critically ill patients, neurological patients, and those with swallowing impairment.

To date, five PEG tubes have been successfully placed. All procedures were completed uneventfully, without any recorded complications. Two of five patients were discharged home following post-procedural monitoring.

The introduction of PEG placement enables more advanced management of patients requiring prolonged enteral nutrition, including those recovering from cerebrovascular events, those with neurological disorders, prolonged disorders of consciousness after resuscitation, and other conditions associated with dysphagia and inadequate oral intake.

The procedures were performed using a multidisciplinary approach, following careful assessment of indications, appropriate patient preparation, and standard safety measures. All PEG placements performed so far were completed successfully, without immediate procedure-related complications. Standard post-procedural monitoring and gastrostomy care were provided.

The introduction of this procedure represents an important improvement in healthcare quality at General Hospital Vrbas, contributing to the development of modern nutritional support, reducing the need for

U Opštoj bolnici Vrbas započeto je izvođenje procedure plasiranja perkutane endoskopske gastrostome (PEG) u cilju unapređenja nutritivne podrške i obezbeđivanja mogućnosti dugotrajnog enteralnog hranjenja kod bolesnika sa očuvanom funkcijom gastrointestinalnog trakta, ali sa nemogućnošću adekvatnog oralnog unosa hrane.

Perkutana endoskopska gastrostoma – PEG predstavlja minimalno invazivnu metodu kojom se, uz pomoć endoskopske kontrole, formira pristup želucu kroz prednji trbušni zid, čime se omogućava sigurna i dugotrajna primena enteralne ishrane, lekova i dodatne nutritivne terapije.

PEG ima značajne prednosti u odnosu na dugotrajno nazogastrično hranjenje jer omogućava bolju toleranciju kod pacijenata, veću udobnost, smanjenje rizika od slučajnog uklanjanja sonde, lakšu primenu ishrane i bolju mogućnost sprovođenja dugotrajne nutritivne potpore. Ova metoda omogućava očuvanje funkcije gastrointestinalnog trakta, što je od posebnog značaja kod kritično obolelih, neuroloških pacijenata i bolesnika sa poremećajem gutanja.

Uvođenjem PEG procedure omogućeno je savremenije i kvalitetnije zbrinjavanje bolesnika kojima je potrebna produžena enteralna ishrana, posebno kod stanja nakon cerebrovaskularnih inzulta, neuroloških oboljenja, postreanimacionih stanja sa produženim poremećajem svesti, kao i drugih stanja praćenih disfagijom i nemogućnošću adekvatnog oralnog unosa.

Do sada je plasirano pet PEG sondi. Sve procedure su protekle uredno, bez registrovanih komplikacija. Od pet bolesnika dva su nakon postproceduralnog nadzora otpuštena na kućno lečenje.

Procedure su realizovane uz multidisciplinarni pristup, uz prethodnu procenu indikacija, adekvatnu pripremu bolesnika i sprovođenje standardnih mera bezbednosti. Svi do sada izvedeni plasmani PEG-a protekli su uredno, bez neposrednih proceduralnih komplikacija. Nakon intervencije sproveden je standardni postproceduralni nadzor i nega gastrostome.

Uvođenje ove procedure predstavlja značajan korak u unapređenju kvaliteta zdravstvene zaštite u Opštoj bolnici Vrbas i doprinosi razvoju savremene nutritivne



Figure 1/Slika 1



Figure 2/Slika 2



Figure 3/Slika 3

Procedure performed/Slike izvođenja procedure

patient transfers to other institutions, and providing access to this important therapeutic option for patients in need.

potpore, smanjenju potrebe za transportom pacijenata u druge ustanove i omogućavanju dostupnosti ove metode bolesnicima kojima je ona potrebna.

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