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EVALUASI PEMBERIAN OBAT MELALUI ENTERAL FEEDING TUBE DI RUMAH SAKIT: LITERATURE REVIEW
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DAFTAR PUSTAKA

- Allen, L. & Ansel, H., 2014, *Ansel's Pharmaceutical Dosage Forms and Drugs Delivery systems*, Tenth edition, Lippincott Williams & Wilkins, Baltimore.
- Bankhead R., Boullata J., Brantley S., Corkins M., Guenter P., Krenitsy J. et al., 2009, A.S.P.E.N. Enteral Nutrition Practice Recommendations. *Journal of Parenteral and Enteral Nutrition* 33: 122–67.
- Barton, R.G. dan Caran Graves, R.D., 2004. A guide to drug therapy in patients with enteral feeding tubes: dosage form selection and administration methods. *Hospital Pharmacy*, 39: 225–237.
- Benson, D.W., Griggs, B.A., Hamilton, F., Hiyama, D.T., dan Bower, R.H., 1990. Clogging of Feeding Tubes: A Randomized Trial of a Newly Designed Tube. *Nutrition in Clinical Practice*, 5: 107–110.
- Bischoff, S., Austin, P., Boeykens, K., Choudakis, M., Cuerda, C., Jonkers-Schuitema, C., Lichota, M., Nyulasi, I., 2019, ESPEN guideline on home enteral nutrition, *Clinical Nutrition*, 39(1): 612 – 631.
- BAPEN/British Association for Parenteral and Enteral Nutrition, 2013, Administering Drugs Via Enteral Feeding Tubes, – A Practical Guide. <https://www.bapen.org.uk/>, diakses 15 Januari 2021.
- Carvalho A.M.R., Oliveira D.C., Neto J.E.H., Martins B.C.C., Vieira V.M.S.F., Silva L.I.M.M., 2010, Analysis of Prescribing in Patient with installation of Enteral Tube in Ceará University Hospital. *Rev Bras Farm Hosp Serv Saúde*;1(1):17-21. cit. Ferreira Neto C.J.B., Plodek C.K., Soares F.K., Andrade R.A., Teleginski F., Rocha M.D., 2016, Pharmaceutical



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in a Teaching Hospital Rev. *Latino-Am. Enfermagem* 24: 1-8.

Cawsey, S.I., Soo, J., Gramlich, L.M., 2010, Home enteral nutrition: outcomes relative to indication. *Nutr Clin Pract* 25: 296 – 300.

Selfert, Charles F., dan Johnson, Barbara A., 2005, A Nationwide Survey of Long-Term Care Facilities to Determine the Characteristic of Medication Administration through Enteral Feeding Catheters, *Nutrition Clinical Practice* 20: 354-362.

Chen-Ju, C., Huan-Fang, L., Yu-Chiung, F., Ai-Wen, K., Improving Nurse Skill of Medication Administration via Enteral Feeding Tube, *Nur Primary Care* 2 (5): 1 – 5.

Demirkan, K., Bayaktar, A., Gulhan-Hallil, M., Abbasoglu, O., 2017, Assesment of Drug Administration via Feeding Tube and the Knowledge of Health-care Professionals in a University Hospital, *European Journal of Clinical Nutrition* 71: 164 – 168.

Emami, S., Hamishehkar, H, Mahmoodpoor, A, Mashayekhi, S., Asgharian, P, (2012), Errors of Oral Medication Administration in a Patient with Enteral Feeding tube, *J Res Pharm Practice* (1): 37-40.

Ferreira Neto CJB, Plodek CK, Soares FK, Andrade RA, Teleginski F, Rocha MD., 2016, Pharmaceutical Interventions in Medications Prescribed for Administration via Enteral Tubes in a Teaching Hospital, Rev. *Latino-Am. Enfermagem*, 24: 1-8.



Fernanda, R.E.G., Rosana, A.P., Ana, C.P.H., Camila, C.O., Adriano, M.M.R.,

Patrícia, C. dos S. da S., *et al.*, 2017. Medication Incidents related to feeding tube: A cross-sectional study. *African Journal of Pharmacy and Pharmacology*, **11**: 305–313.

Gimenes, FRE, Baysari, M, Walter, S, Moreira, LA, Carvalho, REFLd, Miasso, I, Faleiros, F, Westbrook, J, 2019, Are Patients with a Nasally Placed Feeding Tube at Risk of Potential Drug-Drug Interaction? A Multicentre Cross-Sectional Study, *PLoS ONE* 14(7): e0220248.

Gimenes, FRE, Pereira, MCA, Prado, PRd, Carvalho, REFLd, Koepp, J, Freitas, LMd. Teixeira, TCA, Miasso, AI, 2019, Nasogastric/Nasoenteric Tube-related, Incidents in Hospitalized Patient: A Study Protocol of Multicentre Prospective Cohort Study, *BMJ OPEN* 9: 1-7.

Gorzoni ML, Torre AD, Pires SL, Rev Assoc Med Bras., 2010, *Drugs and Probes of Nutrition*, 56(1):17-21. cit. Ferreira Neto CJB, Plodek CK, Soares FK, Andrade RA, Teleginski F, Rocha MD., 2016, Pharmaceutical Interventions in Medications Prescribed for Administration via Enteral Tubes in a Teaching Hospital *Rev. Latino-Am. Enfermagem*, 24: 1-8.

Griebmann K., Breitkreutz J., Schubert-Zsilavec M., Abdel-Tawab M., 2007, Dosing accuracy of measuring devices provided with antibiotic oral suspensions. *Paediatric and Perinatal Drug Therapy* 8: 61–70.

Grissinger, M., 2013. Preventing errors when drugs are given via enteral feeding tubes. *Pharmacy and Therapeutics* (38): 575-576.



Hannah, E., John, RM., 2013, Everything the nurse practitioner should know about pediatric feeding tubes, *J Am Assoc Nurse Pract.* (11):567-577.

Heineck, I., Bueno, D., Heydrich, J., 2008, Study on the Use of Drugs in Patient with Enteral Feeding Tubes, *Pharm World Sci.* (31): 145-148.

Heydrich, J., Heineck, I., Bueno, D., 2009, Observation of Preparation and Administration of Drugs by Nursing Assistants in Patients with Enteral Feeding Tube, *Brazillian Journal of Pharmaceutical Sciences* (45): 117-120

Izadpanah, M, Amraie, N, Soltani, F, Kouti, L, Sayyadi, S, Aghakouchakzadeh, M, Hariri, M. 2019, Medication Administration through Enteral Feeding Tubes in Mechanically Ventilated Critically Ill Patients: Evaluation of the Potential Medication Errors, *J Pharm Care* (3): 49-53.

Joos, E., Mehuys, E, Bocxlaer, J.V., Remon, Winckel, MV, Boussery, K, 2014, Drug Administration via Enteral Feeding Tubes in Residential Care Facilities for Individuals with Intellectual Disability: An Observational Study, *Journal of Intellectuals Disability Research* (59): 215-225.

Joos, E., Mehuys, E, Bocxlaer, J.V., Remon, Winckel, MV, Boussery, K, 2015, Medication Administration via Enteral Feeding Tube: A Survey of Pharmacists' Knowledge, *Int J Clin Pharm* 38(1):10-15.

Kravetz RE, 2005, *Stomach (Ewald) tube. Am J Gastroenterol.*;100:1444-5. cit.

Kozeniecki, M. dan Fritzshall, R., 2015, *Enteral Nutrition for Adults in the Hospital Setting. Nutrition in Clinical Practice*, 30: 634-651.



Lisboa, CD, Silva, LD, Matos, GC, 2014, *Investigation of Medication Administration Through Catheters in Intensive Care*, Text Context Nursing (3): 573-580.

Lonergan, MT, Broderick, J, Coughlan, T, Collins, R, O'Neill, D, 2010, A Majority of Tube-fed Patients are on Medications that require Special Precautions, *Age and Ageing* (39) :495-510.

Nascimento, JEdA, dan Kudsk, KA, 2007, Use of Small-bore Feeding Tubes: Successes and Failures, *Curr Opin Clin Nutr Metab Care* 10(3): 291-296.

NHS UK, 2016, *Clinical Guideline: Guideline for the Care and Management of Enteral Feeding in Adults Directorate Nutrition and Dietetics, Professional Services*,<https://doclibrary-rcht.cornwall.nhs.uk/DocumentsLibrary/RoyalCornwallHospitalsTrust/Clinical/Pharmacy/TheAdministrationOfDrugsViaEnteralFeedingTubesClinicalGuideline.pdf>, diakses 5 maret 2020.

Mota, MLS, Barbosa, IV, Studart, RMB, Melo, EM, Lima, FET, Mariano, FA, 2010, Evaluation of Intensivist-Nurse' Knowledge Concerning Medication Administration Through Nasogastric and Enteral Tubes, *Rev. Latino-Am. Enfermagem* 18(5): 888-894.

Pereira, RA, de Souza, FB, Rigobello, MCG, Pereira, JR, da Costa, LRM, Gimenes, FRE, 2020, Quality Improvement Programme Reduces Errors in Oral Medication Preparation and Administration through Feeding Tubes, *BMJ Open Quality* (9): 1-8.



- Phillips N.M. & Endacott R., 2011, Medication administration via enteral tubes: a survey of nurses' practices. *Journal of Advanced Nursing* 67(12), 2586–2592.
- Silva, MFB, Brito, PD, Guraldo, L, 2016, Oral Drugs at a Hospital Unit Adequacy for Use via Enteral Feeding Tubes, *Rev Bras Enferm* 69 (5):795-801.
- Sohrevadi, SM, Jarahzadeh, MH, Mirzaei, E, Mirjalili, M, Tafti, AD, Heydari, B, 2016, Medication Errors in Patients with Enteral Feeding Tubes in the Intensive Care Unit, *JRes Pharm Practices* (2): 100-105.
- Stroud, M., Duncan, H., Nightingale, J., 2003, *Guidelines for Enteral Feeding in Adult Hospital Patients*, Gut 2001;52(Suppl VII): vii1-vii12.
- Sura, L, Madhavan, A, Carnaby, G, dan Crary, MA, 2012, Dysphagia in the elderly: management and nutritional considerations. *Clinical Interventions in Aging* 7: 287 – 298.
- Tillot, H., Barret, D., Ruan, J., Li, V., Merrick, S., Steed, H., Morrissey, H., Anthony, P., 2020, Survey of Nurse's Knowledge and Practice regarding Medication Administration Using Enteral Tubes, *Journal of Clinical Nursing* 29: 4614 – 4622.
- Turgay A.S. & Khorshid L., 2010, Effectiveness Of The Auscultatory And pH Methods In Predicting Feeding Tube Placement, *Journal of Clinical Nursing* 19 (11-12), 1553-1559.
- Uysal, N., Sari, HS, Gokm DD, Maslak, OO, 2016, Evaluation Nurses' Practices for Medication Administration Via Enteral Feeding Tube, *International Journal of Caring Sciences* (9) :1058 – 1065.



Van den Bemt, PMLA, Cusell, MBI, Trommelen, M, van Dooren, D, Ophorst, WR,

Egberts, ACG, 2005, Quality Improvement of Oral Medication Administration in Patients with Enteral Feeding Tubes, *Qual Saf Health Care* (15) : 44-47.

White, Rebecca & Bradnam, Vicky, 2015, *Handbook of Drug Administration via Enteral Feeding Tubes*, Pharmaceutical Press, Compton.

Wirastuti, Ade, 2018, Evaluasi Penyiapan dan Pemberian Obat Melalui Enteral Feeding Tubes (EFT) pada Pasien Rawat Inap di Rumah Sakit Yogyakarta, *Tesis*, Sekolah Pascasarjana Universitas Gadjah Mada, Yogyakarta.

Wohlt, PD, Zheng, L, Gunderson, S, Balzar, SA, Johnson, BD, Fish, JT, 2009, Recommendations for the Use of Medications with Continuous Enteral Nutrition, *Am J Health Syst Pharm*.66 (16): 1458 – 1467.

Wolf, ZR, Hicks, RW, Altmiller, G, Bicknell, P, 2009, Nursing Student Medication Errors Involving Tubing and Catheters: A Descriptive Study, *Nurse Education Today* 29: 681 – 688.

World Health Organization, 2001, *Health Research Methodology*, WHO Regional Office for the Western Pacifics, Manila.

Wright, David, Griffith, Richard, Merriman, Honor, Smithard, David, Smyth, Jennifer, Welsh, Natalie, 2019, *Medication Management of Patient with Enteral Feeding Tubes*, MGP, London.

Wu Z, Wu M, Wang Q, Zhan T, Wang L, Pan S, et al., 2018, Home enteral Nutrition after Minimally Invasive Esophagectomy can Improve Quality of Life and Reduce The Risk of Malnutrition. *Asia Pac J Clinic Nutrition* (27): 129-136.



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