



Role of fibrin sealant for esophageal anastomosis: A phase II study



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Study of Porcine Fibrin Sealant in Preventing Cervical ...

May 18, 2018 - **Study of Porcine Fibrin Sealant in Preventing Cervical Anastomotic** ... the efficacy and assess the **role** of Porcine **Fibrin Sealant** (Bioseal®) in ... After Esophagectomy for **Esophageal** or Junctional Carcinoma: A **Phase II**, Single ...

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Study of Porcine Fibrin Sealant in Preventing ... - ICH GCP

However, **esophageal anastomotic** leakage is still one of the most serious complications ... A recent **phase 3** clinical **trial**, the ChemoRadiotherapy for Oesophageal Cancer ... However, **studies** focusing on the **role of fibrin sealant** in the prevention of cervical ... In that **study**, a total of 52 patients were divided into **two** groups.

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Fibrin Sealant: The Only Approved Hemostat, Sealant, and ...

by WD Spotnitz - 2014 - [Cited by 142](#) - [Related articles](#)

Mar 4, 2014 - **Fibrin sealant** is a two-component material consisting of fibrinogen and thrombin. ... [45] as the **fibrin sealant** actually begins to **function** as an antiadhesive. ... patients enrolled in an earlier **phase II study** unfortunately revealed a low ... seal the mucosa of the **esophagus** or at **esophagogastric anastomoses**.

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Name of Journal: *World Journal of Gastrointestinal Oncology*

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Manuscript Type: ORIGINAL ARTICLE

Clinical Trials Study

Role of fibrin sealant for esophageal anastomosis: A phase II study

Yao-Bin Lin, Jian-Hua Fu, Yan Huang, Yi-Huai Hu, Kong-Jia Luo, Ke-Xi Wang, Amos Éla Bella, Dong-Rong Situ, Ji-Yang Chen, Ting Lin, Xavier B D'Journo, Nuria M Novoa, Alessandro Brunelli, Hiran C Fernando, Robert J Cerfolio, Mahmoud Ismail, Hong Yang; the AME Thoracic Surgery Collaborative Group

Abstract

Match Overview

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Autologous Activated Fibrin Sealant for the Esophageal ...

<https://www.sciencedirect.com/science/article/pii/S0022480418306206>

In the **third phase**, **fibrin sealant** was applied, starting at the dorsal side of the **anastomosis**. Before application, the **anastomosis** was lifted, and the dorsal side was dried using **surgical gauze**. **Fibrin sealant** was subsequently applied approximately **2 cm proximal** and distal to the **anastomosis**.

Author: Victor D. Plat, Boukje T. Bootsma, Nicol... **Publish Year:** 2019

Role of Fibrin Glue as a Sealant to Esophageal Anastomosis ...

https://www.researchgate.net/publication/5926822_Role_of_Fibrin_Glue_as_a_Sealant_to...

Thus, **fibrin glue** when used as an adjunct to **esophageal anastomosis** for **primary repair** of **long-gap EA** with TEF appears safe in the clinical setting and may lower the chances of **esophageal leak** and ...

Systematic review and meta-analysis of fibrin sealants for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3892308>

Post-operative pancreatic fistula (POPF) is a common complication after **partial pancreatic resection**, and is associated with increased rates of sepsis, mortality and costs. The **role** of fibrin sealants in decreasing the risk of POPF remains debatable.

Cited by: 33

Author: Lorenzo A. Orci, Graziano Oldani, Thierry B.



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Study of Porcine Fibrin Sealant in Preventing Cervical ...

<https://clinicaltrials.gov/ct2/show/NCT03529266> ▾

Study of Porcine Fibrin Sealant in Preventing Cervical Anastomotic Leakage for Esophageal or Junctional Carcinoma. (PLACE020) The safety and scientific validity of this study is the responsibility of the study sponsor and investigators.

Fibrin Sealant: The Only Approved Hemostat, Sealant, and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3960746>

Mar 04, 2014 · The literature on using fibrin sealant in vascular surgery suggests that it can be successfully used to augment two-suture fish mouth end-to-side microvascular anastomosis in rats with a significant reduction in operative time ($P < 0.001$) with no changes in early or late graft patency, but a review article on sutureless anastomoses did not find good evidence to support the use of fibrin sealant alone for vascular anastomosis.

Cited by: 124

Author: William D. Spotnitz

Publish Year: 2014

Fibrin-thrombin coated sealant increases strength of ...

<https://www.sciencedirect.com/science/article/pii/S0022480411020373>

The purpose of this study was to investigate whether the use of a fibrin-thrombin coated collagen patch (TachoSil; Nycomed, Zurich, Switzerland), applied as a sealant, would strengthen the esophagogastric anastomosis and stimulate anastomotic healing in a rat model.

Cited by: 17

Author: Roy J. Verhage, Achie Ruiz, Andre Verhe...

Publish Year: 2012

Fibrin Sealant Improves Hemostasis in Peripheral Vascular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1514678>

The study suggested the potential hemostatic benefits of fibrin sealant relative to frequently used active comparators, including oxidized regenerated cellulose and pressure. The present larger randomized, prospective, multicenter study was initiated to evaluate the efficacy and safety of a new investigational form of fibrin sealant containing no bovine products in this clinical setting.

Preventive strategies for anastomotic leakage after ...

<https://www.wjgnet.com/2308-3840/full/v7/i8/389.htm> ▾