

# Novel insights in the pathophysiology of colorectal anastomotic leakage

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# Novel insights in the pathophysiology of colorectal anastomotic leakage

Audrey Jongen

Maastricht, 26 september 2019

1. A new definition for colorectal anastomotic leakage is needed to increase uniformity in data reporting and to facilitate comparison of studies – Dit proefschrift
2. The use of near infrared fluorescence imaging is effective in assessing adequate perfusion of the intestine at the future anastomotic site – Dit proefschrift
3. Surgery and not NSAIDs is the most important influence for the postoperative shift in gut microbiome composition in a rat model for colonic anastomotic leakage – Dit proefschrift
4. The lack of a functional mucous layer leads to impaired anastomotic healing in a mouse model for colonic anastomotic leakage – Dit proefschrift
5. A combination of mechanical bowel preparation and oral antibiotics reduces the risk of infectious complications following colorectal surgery.
6. The ideal method of uniting intestinal wounds has yet to be devised. – Nicholas Senn
7. Current surgical practice is an accumulated wisdom, mixing fact, opinion, and magical thinking in unknown proportions – Dr. Jeffrey B. Matthews
8. To solve a difficult problem in medicine, don't study it directly, but rather pursue a curiosity about nature and the rest will follow. Do basic research. – Roger Kornberg
9. Werken en feesten vormt schone geesten. – Johanna Westerdijk
10. What got you here won't get you there – Marshall Goldsmith
11. All that you are seeking is also seeking you. If you lie still, sit still, it will find you. It has been waiting for you for a long time. – Clarissa Pinkola Estes