

# Adhesief

FROM THE DUTCH ADHESIONS GROUP

MAY 2017 - ESSR EDITION



## BOARD:

PROF. DR. H. VAN GOOR  
PROF. DR. N.D. BOUVY  
DR. E.A. BAKKUM  
DR. N. van Mello  
DR. R.P.G. ten Broek



## CONTACT:

Dutch Adhesions group  
PO Box 9101, 6500 HB Nijmegen,  
the Netherlands  
attn Department of Surgery



email: [fm@siemz.nl](mailto:fm@siemz.nl)  
Telefoon: +3124-3668086



## CALENDER:

**15-6 Dutch Adhesion Group Sympoium**  
atESSR congres te Amsterdam  
(14 tot 17 june in 'Beurs van Berlage')  
<http://www.essr2017.eu/>

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Richard ten Broek

EDITOR

Dear readers,

On the June 15th the Dutch Adhesion Group presents the symposium:

### **New horizons in prevention and treatment of adhesions**

In this symposium we will provide you with an overview of the state-of-the-art in prevention and treatments of adhesions. We will also take a look into new developments and the future of adhesion prevention with high quality lecturers.

Included topics:

- Non-invasive diagnosis of adhesions
- New prevention strategies
- Patient outcomes
- Treatment of chronic pain
- Laparoscopic for small bowel obstruction
- Intra-uterine adhesions
- Best abstract competition

On the next page an overview of our tentative program.

# New horizons in prevention and treatment of adhesions

## Thursday June 15<sup>th</sup> at 14.30 - 17.30 Beurs van Berlage- administratiezaal

Chair: Erica A Bakkum, Richard PG ten Broek - Highlights:



### **The Burden of Adhesions - prof. dr. Harry van Goor**

Overview of adhesion related complications and state-of-the-art in adhesions prevention



### **Adhesion research from animal models to human studies - drs. Sebastiaan van Steensel**

There are many animal studies performed in adhesion research that costs a lot of investments. However, there appear to be a large translational gap because many intervention that seemed promising in animals did not work in human

### **The patient outcome: Fertility - to be announced**

Adhesions are encountered regularly during surgery for endometriosis and fertility problems. The adhesion-related outcomes that really matter to the patients in fertility surgery.



### **Non-invasive diagnosis of adhesions - dr. Richard ten Broek**

In this lecture dr. ten Broek will give an overview of new techniques for radiological diagnosis of adhesions, and how radiological diagnosis can help us to provide better treatment to the patient.



### **Adhesion prevention: beyond the barrier- dr. Lynne Robertson**

Dr. Robertson will give an overview of the pathophysiology of adhesions and how understanding pathophysiology has led her and her scientific team into new ideas for adhesion prevention.

## **Video presentations**



### **Elective adhesiolysis for chronic pain- dr. Martijn Stommel**

In this video dr. Stommel will present a new technique for elective adhesiolysis for chronic pain. Prevention of adhesions is key to improve long-term results.



### **Laparoscopic adhesiolysis for small bowel obstruction - dr. Salomone di Saverio/ dr. Arianna Birindelli**

laparoscopic treatment of adhesive small bowel obstruction. They also participate in the first comparative trial of open vs. laparoscopic surgery for ASBO.

### **Intra- uterine adhesions - To be announced**

Hysteroscopic evaluation and treatment of adhesions.

## Publications Dutch Adhesions Group

### Multicenter Observational Study of Adhesion Formation after Open-and Laparoscopic Surgery for Colorectal Cancer.

Stommel MW, Ten Broek RP, Strik C, Slooter GD, Verhoef C, Grünhagen DJ, van Duijvendijk P, Bemelmans MH, den Dulk M, Sietes C, van Heek TN, van den Boezem PB, de Wilt JH, van Goor H. **Ann Surg** 2017 Feb 15. Adhesion formation after laparoscopic and open surgery was compared during surgery for metachronous liver metastases. After laparoscopic surgery adhesion formation to the ventral abdominal wall was significantly reduced. Adhesion formation at the organ space, however, was not reduced.



### Surgical treatment of adhesion-related chronic abdominal and pelvic pain after gynaecological and general surgery: a systematic review and meta-analysis.

van den Beukel BA, de Ree R, van Leuven S, Bakkum EA, Strik C, van Goor H, Ten Broek RP. **Hum Reprod Update** 2017 Mar 2:1-13. In this systematic review we analyzed results the results of adhesiolysis for chronic abdominal and pelvic pain. Further we discuss new techniques that could improve future results.

### Critical overview of all available animal models for abdominal wall hernia research

Vogels RRM, Kaufmann R, van den Hil LCL, van Steensel S, Schreinemacher MHF, Lange JF, Bouvy ND. **Hernia**. 2017 May 2. A systematic review of animal models for abdominal wall surgery and adhesions.

### Prevalence of intrauterine adhesions after the application of hyaluronic acid gel after dilatation and curettage in women with at least one previous curettage: short-term outcomes of a multicenter, prospective randomized controlled trial.

Hooker AB, de Leeuw R, van de Ven PM, Bakkum EA, Thurkow AL, Vogel NEA, van Vliet HAAM, Bongers MY, Emanuel MH, Verdonkschot AEM, Brölmann HAM, Huirne JAF. **Fertil Steril**. 2017 May;107(5):1223-1231



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## Best Abstract Competition

Four abstracts submitted to the ESSR congress have been nominated for the Dutch Adhesion Group research award. These abstracts will be presented as a quick-shot presentation during the symposium. At the end of the symposium the winner of the award will be announced. All 4 presentations are also presented as a full oral or poster during the congress.

An experimental adhesiogenic model to evaluate histological events over time in the omentum during adhesion formation  
By: **V. Gómez-Gil** from Spain. Full presentation: Fri June 16<sup>th</sup>. 11.42 Veilingzaal

Post-surgical adhesion prevention – an experimental treatment of Diclofenac on different postoperative days  
By: **J.H. Hammerschlag** from Hungary. Full presentation: Fri June 16<sup>th</sup>. 11.51 veilingzaal

Impact of peritoneal adhesions on incision to delivery interval in caesarean section  
By: **J. Metzemaekers** from the Netherlands. Full presentation: Sat June 17<sup>th</sup>. 09.30 veilingzaal

Adhesion prevention post-caesarian section  
By: **P. Rimmer** from the United Kingdom. Also as poster presentation.

## Practical information

The ESSR congress is held from June the 14<sup>th</sup> till 17<sup>th</sup> in the “beurs van Berlage” a top venue in Amsterdam, the Netherlands. You can register through the website <http://www.essr2017.eu/> or on site.

The ESSR is an international scientific congress for general, gynecological, urological surgeons among other surgical specialties with over 1,000 participants. There will also be symposia on liver surgery and diabetic foot.

To visit the symposium **New horizons in prevention and treatment of adhesions** you can choose between full registration for the congress, a day ticket, or a ticket for only the symposium at a reduced price.

Full registration costs €220 for residents and student, and €565 for specialist who are not member of the ESSR.

Registration for the symposium only costs €120 euro through the website or €140 on-site.



**We hope to meet you at the ESSR!**

