

Haarlem, juli 2020

Geachte heer, mevrouw,

In vervolg op onze eerdere berichtgeving informeren wij u hierbij over de online activiteiten en data in september a.s.

Het online programma zal bestaan uit de volgende onderdelen:

- Livestream op **woensdag 9 september van 17.00 tot 18.30 uur (aansluitend ALV NVGE)**

- 10 webinars op **dinsdag 29 september vanaf 12.00** gedurende de rest van de dag / avond.

De webinars zullen tevens op **donderdag 12 november** van 12.00 tot 00.00, en op **woensdag 9 december** van 12.00 tot 00.00 beschikbaar zijn.

Registreren voor DDD Online betekent dat u zowel de livestream op 9 september, als *alle* webinars op 29 september, 12 november en 9 december kunt volgen en hieruit een vrije keuze kunt maken. Hiervoor geldt één inschrijvingsbedrag. Leden ontvangen een korting op de inschrijving. De online activiteiten worden voor accreditatie aangeboden.

De webinars bieden een veelzijdig programma, niet alleen vanuit de secties van de NVGE verzorgd, maar ook een NASH-symposium i.s.m. de Nederlandse Vereniging voor Hepatologie en een E-learning rond acuut leverfalen onder auspiciën van de Nederlandse Vereniging van Maag-Darm-Leverartsen. Voor de verpleegkundigen zal een samengestelde webinar beschikbaar komen met interessante lezingen vanuit de andere webinars.

Het volledige programma vindt u op de hierna volgende pagina's, dus zowel van de livestream als van de webinars. Inschrijven kunt u via de toegezonden link of via [www.mdl-congressen.nl](http://www.mdl-congressen.nl).

Wij hopen op enthousiaste deelname en wellicht ook gezamenlijk kijken van de webinars door afdelingen. Informatie over de inlogprocedure op beide dagen kunt u nadien tegemoet zien.

Met vriendelijke groet,

Prof. dr. C.J. (Janneke) van der Woude, secretaris

## INHOUD

<b>Livestream sessie 9 september 17.00 -18.30</b>	2
Tytgat lecture door prof. dr. J.C. Clevers	
Frieda den Hartog Jager prijs en lecture door prof. dr. C.H.C. Dejong	
President Select voordrachten	
<b>Webinars, beschikbaar op 29 september</b>	
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## Nederlandse Vereniging voor Gastroenterologie Livestreamsessie 9 september 17.00 uur

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**Voorzitters:** P.D. Siersema en C.J. van der Woude

### **Tytgat Lecture**

Stamcellen 'Dr. Jekyll or Mr. Hyde'  
*Prof. dr. J.C. Clevers*

### **Uitreiking Frieda den Hartog Jager prijs**

gevolgd door voordracht - Elderly patients with hepatopancreatobiliary cancer – to operate or not?  
*Prof. dr. C.H.C. Dejong, chirurg, MUMC*

## **President Select met abstractpresentaties**

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**Voorzitters:** P.D. Siersema en C.J. van der Woude

### **Feasibility of volatile organic compound in breath analysis in the follow-up of colorectal cancer**

*E.G.M. Steenhuis<sup>1</sup>, I.J.H. Schoenaker<sup>2</sup>, J.W.B. de Groot<sup>3</sup>, H.B. Fiebrich<sup>3</sup>, J.C. de Graaf<sup>3</sup>, R.M. Brohet<sup>4</sup>, J.D. van Dijk<sup>4</sup>, H.L. van Westreenen<sup>2</sup>, P.D. Siersema<sup>5</sup>, W.H. de Vos tot Nederveen Cappel<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Isala, Zwolle, The Netherlands. <sup>2</sup>Dept. of Surgery, Isala, Zwolle, The Netherlands. <sup>3</sup>Dept. of Gastrointestinal Oncology, Isala, Zwolle, The Netherlands. <sup>4</sup>Dept. of Scientific Research, Isala, Zwolle, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Radboud-umc, Nijmegen, The Netherlands.*

### **Pneumatic dilation for persistent dysphagia after antireflux surgery, a multicenter randomized sham-controlled clinical trial**

*J.M. Schuitemaker<sup>1</sup>, F.B. van Hoeij<sup>2</sup>, M.P. Schijven<sup>3</sup>, A. Pauwels<sup>4</sup>, J. Tack<sup>4</sup>, J.M. Conchillo<sup>5</sup>, E.J. Hazebroek<sup>6</sup>, A.J.P.M. Smout<sup>1</sup>, A.J. Bredenoord<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, Amsterdam. <sup>3</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, University Hospitals KU Leuven, Leuven, Belgium. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>6</sup>Dept. of Surgery, Rijnstate Ziekenhuis, Arnhem.*

### **Life stage associated environmental factors influence the development of inflammatory bowel disease: a large case-control study in The Netherlands**

*K.W.J. van der Sloot<sup>1</sup>, R.K. Weersma<sup>1</sup>, B.Z. Alizadeh<sup>2</sup>, G. Dijkstra<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>2</sup>Dept. of Epidemiology, University Medical Center Groningen, Groningen, The Netherlands.*

*Einde programma 17.30*

*Na dit programma volgt een algemene ledenvergadering van de NVGE waarvoor u zich separaat kunt opgeven.*

**Voorzitters NVGIC:** P. van Duijvendijk en D. Roos

**Safety of selective histopathological examination following cholecystectomy for presumed benign gallbladder disease: a systematic review and meta-analysis**

V.P. Bastiaenen<sup>1</sup>, J.E. Tuijpt<sup>2</sup>, S. van Dieren<sup>1</sup>, M.G.H. Besselink<sup>1</sup>, T.M. van Gulik<sup>1</sup>, L. Koens<sup>1</sup>, P.J. Tanis<sup>1</sup>, W.A. Bemelman<sup>1</sup>, <sup>1</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Surgery, Amsterdam UMC, Amsterdam, The Netherlands.

**Consensus on the definition of colorectal anastomotic leakage using a modified delphi method**

C.P.M. van Helsingen<sup>1</sup>, A.C.H.M. Jongen<sup>2</sup>, W.J. de Jonge<sup>1</sup>, N.D. Bouvy<sup>2</sup>, J.P.M. Derikx<sup>3</sup>, <sup>1</sup>Tytgat Institute for Liver and Intestinal Research, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Surgery, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>3</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**Short-term outcomes after total pancreatectomy: a european prospective modified-snapshot study**

A.E.J. Latenstein<sup>1</sup>, L. Scholten<sup>1</sup>, M. Erkan<sup>2</sup>, J. Kleeff<sup>3</sup>, M. Lesurte<sup>4</sup>, M.G. Besselink<sup>1</sup>, J.M. Ramia-Angel<sup>5</sup>, <sup>1</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Surgery, Koc University Hospital, Istanbul, Turkey. <sup>3</sup>Dept. of Surgery, Martin Luther University, Halle, Germany. <sup>4</sup>Dept. of Surgery, University Hospital of Zurich, Zürich, Switzerland. <sup>5</sup>Dept. of Surgery, University Hospital Guadalajara, Guadalajara, Spain.

**Limited wedge resection for colon polyps - preliminary results of the limeric-study**

L.W. Leicher<sup>1</sup>, J.F. Huisman<sup>1</sup>, W.M.U. van Grevenstein<sup>2</sup>, P. Didden<sup>3</sup>, Y. Backes<sup>3</sup>, G.J.A. Offerhaus<sup>4</sup>, M.M. Lacle<sup>4</sup>, F.C.P. Moll<sup>5</sup>, J.M.J. Geesing<sup>6</sup>, N. Smakman<sup>7</sup>, J.S. Terhaar sive Droste<sup>8</sup>, E.G.G. Verdaasdonk<sup>9</sup>, F. ter Borg<sup>10</sup>, A.K. Talsma<sup>11</sup>, G.W. Erkelens<sup>12</sup>, E.S. van der Zaag<sup>13</sup>, R.W.M. Schrauwen<sup>14</sup>, B.J. van Wely<sup>15</sup>, I. Schot<sup>16</sup>, M. Vermaas<sup>17</sup>, J.D. van Bergeijk<sup>18</sup>, C. Sietses<sup>19</sup>, W.L. Hazen<sup>20</sup>, D.K. Wasowicz<sup>21</sup>, D. Ramsoekh<sup>22</sup>, J.B. Tuynman<sup>23</sup>, Y.A. Alderlieste<sup>24</sup>, R.J. Renger<sup>25</sup>, F.A. Oort<sup>26</sup>, E.J. Spi llenaar Bilgen<sup>27</sup>, H.F.A. Vasen<sup>28</sup>, W.H. de Vos tot Nederveen Cappel<sup>1</sup>, L.M.G. Moons<sup>3</sup>, H.L. van Westreenen<sup>29</sup>, <sup>1</sup>Dept. of Gastroenterology and Hepatology, Isala, Zwolle, The Netherlands. <sup>2</sup>Dept. of Surgery, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>4</sup>Dept. of Pathology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>5</sup>Dept. of Pathology, Isala, Zwolle, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Diaconessenhuis, Utrecht, The Netherlands. <sup>7</sup>Dept. of Surgery, Diaconessenhuis, Utrecht, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, Jeroen Bosch Ziekenhuis, Den Bosch, The Netherlands. <sup>9</sup>Dept. of Surgery, Jeroen Bosch Ziekenhuis, Den Bosch, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Deventer Ziekenhuis, Deventer, The Netherlands. <sup>11</sup>Dept. of Surgery, Deventer Ziekenhuis, Deventer, The Netherlands. <sup>12</sup>Dept. of Gastroenterology and Hepatology, Gelre Ziekenhuizen, Apeldoorn, The Netherlands. <sup>13</sup>Dept. of Surgery, Gelre Ziekenhuizen, Apeldoorn, The Netherlands. <sup>14</sup>Dept. of Gastroenterology and Hepatology, Bernhoven, Uden, The Netherlands. <sup>15</sup>Dept. of Surgery, Bernhoven, Uden, The Netherlands. <sup>16</sup>Dept. of Gastroenterology and Hepatology, IJsselland Ziekenhuis, Capelle aan den IJssel, The Netherlands. <sup>17</sup>Dept. of Surgery, IJsselland Ziekenhuis, Capelle aan den IJssel, The Netherlands. <sup>18</sup>Dept. of Gastroenterology and Hepatology, Gelderse Vallei, Ede, The Netherlands. <sup>19</sup>Dept. of Surgery, Gelderse Vallei, Ede, The Netherlands. <sup>20</sup>Dept. of Gastroenterology and Hepatology, Elisabeth Tweesteden Ziekenhuis, Tilburg, The Netherlands. <sup>21</sup>Dept. of Surgery, Elisabeth Tweesteden Ziekenhuis, Tilburg, The Netherlands. <sup>22</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>23</sup>Dept. of Surgery, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>24</sup>Dept. of Gastroenterology and Hepatology, Rivas, Gorinchem, The Netherlands. <sup>25</sup>Dept. of Surgery, Rivas, Gorinchem, The Netherlands. <sup>26</sup>Dept. of Gastroenterology and Hepatology, Rijnstate Ziekenhuis, Arnhem, The Netherlands. <sup>27</sup>Dept. of Surgery, Rijnstate Ziekenhuis, Arnhem, The Netherlands. <sup>28</sup>Dept. of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands. <sup>29</sup>Dept. of Surgery, Isala, Zwolle, The Netherlands.

**State of the art Lecture:**

**Diagnostiek en behandeling van colorectale peritoneale metastasen**

Dr. I.H.J.T. de Hingh, chirurg, Catharina Ziekenhuis, Eindhoven

**Voorzitters NVCO:** A. Witkamp en S. Kruijf

**Population-based study on practice variation regarding preoperative systemic chemo-therapy in patients with colorectal liver metastases and impact on short-term outcomes**

A.K.E. Elfrink<sup>1</sup>, N.F.M. Kok<sup>2</sup>, L.R. van der Werf<sup>3</sup>, M.F. Krul<sup>2</sup>, E. Marra<sup>4</sup>, M.W.J.M. Wouters<sup>2</sup>, C. Verhoef<sup>5</sup>, K.F.D. Kuhlmann<sup>2</sup>, M. den Dulk<sup>6</sup>, R.J. Swijnenburg<sup>7</sup>, W.W. te Riele<sup>8</sup>, P.B. van den Boezem<sup>9</sup>, W.K.G. Leclercq<sup>10</sup>, D.J. Lips<sup>11</sup>, V.B. Nieuwenhuijs<sup>12</sup>, P.D. Gobardhan<sup>13</sup>, H.H. Hartgrink<sup>14</sup>, C.I. Buis<sup>1</sup>, D.J. Grünhagen<sup>5</sup>, J.M. Klaase<sup>1</sup>, <sup>1</sup>Dept. of Gastrointestinal Surgery, University Medical Center Groningen, Groningen, The Netherlands. <sup>2</sup>Dept. of Gastrointestinal Surgery, Antoni van Leeuwenhoek - Netherlands Cancer Institute, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Gastrointestinal Surgery, DICA, Leiden, The Netherlands. <sup>4</sup>Dept. of Clinical Epidemiology, DICA, Leiden, The Netherlands. <sup>5</sup>Dept. of Gastrointestinal Surgery, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>6</sup>Dept. of Gastrointestinal Surgery, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>7</sup>Dept. of Gastrointestinal Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>8</sup>Dept. of Gastrointestinal Surgery, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>9</sup>Dept. of Gastrointestinal Surgery, Radboudumc, Nijmegen, The Netherlands. <sup>10</sup>Dept. of Gastrointestinal Surgery, Máxima Medisch Centrum, Veldhoven / Eindhoven, The Netherlands. <sup>11</sup>Dept. of Gastrointestinal Surgery, Medisch Spectrum Twente, Enschede, The Netherlands. <sup>12</sup>Dept. of Gastrointestinal Surgery, Isala, Zwolle, The Netherlands. <sup>13</sup>Dept. of Gastrointestinal Surgery, Amphia Ziekenhuis, Breda, The Netherlands. <sup>14</sup>Dept. of Gastrointestinal Surgery, Leiden University Medical Center, Leiden, The Netherlands.

**The role of staging laparoscopy in gastric cancer - a population-based cohort study**

A.B.J. Borgstein, M.I. van Berge Henegouwen, W. Lameris, W.J. Eshuis, S.S. Gisbertz, Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**Cancer recurrence in patients with a pathologically complete response after neoadjuvant chemoradiotherapy and surgery for oesophageal cancer: a retrospective cohort study**

M. de Jongh<sup>1</sup>, L.R. van der Werf<sup>1</sup>, B.M. Eyck<sup>1</sup>, E.L.A. Toxopeus<sup>1</sup>, S.M. Lagarde<sup>1</sup>, J.J.B. van Lanschot<sup>1</sup>, A. van der Gaast<sup>2</sup>, J. Nuyttens<sup>3</sup>, B.P.L. Wijnhoven<sup>1</sup>. <sup>1</sup>Dept. of Surgery, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Medical Oncology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>3</sup>Dept. of Radiation Oncology, Erasmus Medical Center, Rotterdam, The Netherlands.

**Lecture:**

**"Behandeling van PNet"**

Prof. dr. I.H.M. Borel Rinkes, chirurg, UMC Utrecht

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**Voorzitters:** E.M.M. Kuiper en R.J. de Knegt

**NASH: pillen of het mes erin**

Presentatie casus

*B.O.M. Pauwels, aios MDL, MUMC, Maastricht*

Biomarkers en mechanismen NASH

*Dr. A.G. Holleboom, internist-endocrinoloog, Amsterdam UMC, loc AMC, Amsterdam*

Klinische work-up en medicamenteuze behandeling

*Dr. M.E. Tushuizen, MDL-arts, LUMC, Leiden*

Bariatric voor de behandeling van NASH

*Prof. dr. E.J. Hazebroek, chirurg, Rijnstate ziekenhuis, Arnhem*

Voorzitter: M.E. Wildenberg

Spreektaal in deze sessie is Engels

**Transforming growth factor- $\beta$  signalling in cancer-associated fibroblasts drives an il6 family cytokine dependent pro-metastatic inflammatory program in hepatocytes**

T.J. Harrijvan<sup>1</sup>, S.H. van der Burg<sup>2</sup>, E. van der Wel<sup>1</sup>, J.C.H. Hardwick<sup>1</sup>, E.M.E. Verdegaa<sup>2</sup>, L.J.A.C. Hawinkels<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands. <sup>2</sup>Dept. of Medical Oncology, Leiden University Medical Center, Leiden, The Netherlands.

**Supramolecular structure of dietary fat in early life modulates small intestinal gene expression related to epithelial barrier function and defence in mice**

M. Mischke<sup>1</sup>, A. Vincent<sup>2</sup>, B. Duchène<sup>2</sup>, R. Vasseur<sup>2</sup>, A. Oosting<sup>1</sup>, J. Knol<sup>1</sup>, I. van Seuningen<sup>2</sup>, I.B. Renes<sup>1</sup>. <sup>1</sup>Dept. of Gut Biology & Microbiology, Danone Nutricia Research, Utrecht, The Netherlands. <sup>2</sup>Dept. of Mucins, Epithelial Differentiation and Carcinogenesis, Université de Lille, Centre de Recherche Jean-Pierre Aubert, Lille, France.

**Fibroblast specific loss of the bone morphogenetic protein signalling initiates polyp formation in the mouse intestine**

S. Ouahoud<sup>1</sup>, L.R.A. van der Burg<sup>1</sup>, P.W. Voorneveld<sup>1</sup>, E.S.M. de Jonge-Muller<sup>1</sup>, G.J. Offerhaus<sup>2</sup>, L.J.A.C. Hawinkels<sup>1</sup>, J.C.H. Hardwick<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands. <sup>2</sup>Dept. of Pathology, University Medical Center Utrecht, Utrecht, The Netherlands.

**Interleukin-28a induces epithelial barrier dysfunction in ibd patient-derived intestinal organoids**

P. Xu, H. Becker, M. Elizalde, M. Pierik, A. Masclee, D. Jonkers, Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands.

**Lecture:**

**Perinatal stress and early gut development: lessons from ovine models**

Dr. T.G.A.M. Wolfs, hoofd laboratorium Kindergeneeskunde, MUMC

**A human 2d organoid model to study gut barrier maturation and host-pathogen interaction in the small intestine**

M. Navis<sup>1</sup>, T. Roodsant<sup>2</sup>, I. Aknouch<sup>3</sup>, I.B. Renes<sup>4</sup>, R.M. van Elburg<sup>4</sup>, D. Pajkrt<sup>5</sup>, K.C. Wolthers<sup>3</sup>, C. Schultsz<sup>2</sup>, K.C.H. van der Ark<sup>2</sup>, A. Sridhar<sup>2</sup>, V. Muncan<sup>1</sup>. <sup>1</sup>Tytgat Institute for Liver and Intestinal Research, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Medical Microbiology, Amsterdam UMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Medical Microbiology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>4</sup>Dept. of Pediatrics, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>5</sup>Dept. of Pediatrics, Amsterdam UMC, Amsterdam, The Netherlands.

**Iga coating of intestinal microbiota is associated with inflammatory bowel disease in twin pairs discordant for inflammatory bowel disease**

E.C. Brand<sup>1</sup>, Y. Laenen<sup>2</sup>, F. van Wijk<sup>3</sup>, M.R. de Zoete<sup>4</sup>, B. Oldenburg<sup>1</sup>, <sup>1</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>2</sup>Dept. of Infectious Diseases and Immunology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>3</sup>Centre for Translational Immunology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>4</sup>Dept. of Medical Microbiology, University Medical Center Utrecht, Utrecht, The Netherlands.

**Curdlan feeding in mice improves dss colitis and enhances bifidobacteria presence in the intestinal microbiome**

S. Rahman<sup>1</sup>, M. Davids<sup>2</sup>, P.H.P. van Hamersveld<sup>1</sup>, O. Welting<sup>1</sup>, S. Meijer<sup>3</sup>, R. van den Wijngaard<sup>1</sup>, T. Hakvoort<sup>1</sup>, W.J. de Jonge<sup>1</sup>, S.E.M. Heinsbroek<sup>1</sup>, <sup>1</sup>Tytgat Institute for Liver and Intestinal Research, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Van Creveldkliniek, Dept. of Benign Hematology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>3</sup>Centre for Trauma and Surgery and GI Physiology Unit, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**Macrophages in crohn's disease mesentery are predominantly inflammatory and produce calprotectin**

M.A.J. Becker<sup>1</sup>, F.M. Bloemendaal<sup>1</sup>, P.J. Koelink<sup>2</sup>, J.D. van der Bilt<sup>3</sup>, W.A. Bemelman<sup>3</sup>, G.R.A.M. D'Haens<sup>4</sup>, C.J. Buskens<sup>3</sup>, M.E. Wildenberg<sup>1</sup>, <sup>1</sup>Dept. of Gastroenterology and Hepatology, Tytgat Institute, Amsterdam, <sup>2</sup>Dept. of Gastroenterology and Interventional Endoscopy, Tytgat Institute, Amsterdam, <sup>3</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, <sup>4</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**Voorzitters:** M.J.M. Groenen en E.J. Schoon

**Diagnosis and treatment of pancreatic duct disruption or disconnection: an international expert survey and case vignette study**

L. Boxhoorn<sup>1</sup>, H.C. Timmerhuis<sup>2</sup>, M.G. Besselink<sup>3</sup>, T.L. Bollen<sup>4</sup>, M.J. Bruno<sup>5</sup>, B.J. Elmunzer<sup>6</sup>, P. Fockens<sup>1</sup>, K.D. Horvath<sup>7</sup>, R.C. Verdonk<sup>8</sup>, H.C. van Santvoort<sup>2</sup>, R.P. Voermans<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Surgery, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>3</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>4</sup>Dept. of Radiology, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Medical University of South Carolina, Charleston, United States Of America. <sup>7</sup>Dept. of Surgery, University of Washington, Seattle, United States Of America. <sup>8</sup>Dept. of Gastroenterology and Hepatology, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands.

**Effectiveness and safety of laparoscopy-assisted transgastric endoscopic retrograde cholangiography in a large population of patients with roux-and-y gastric bypass**

L.M. Koggel<sup>1</sup>, M.J.M. Groenen<sup>1</sup>, R.J. Robijn<sup>1</sup>, B.P.L. Witteman<sup>2</sup>, P.J. Wahab<sup>1</sup>, J.M. Vrolijk<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Rijnstate Ziekenhuis, Nijmegen, <sup>2</sup>Dept. of Surgery, Rijnstate Ziekenhuis, Nijmegen, The Netherlands.

**Duodenal mucosal resurfacing combined with glp-1 receptor agonism may eliminate insulin treatment in type 2 diabetes while improving glycaemic control and overall metabolic health**

S. Meiring<sup>1</sup>, A. van Baar<sup>2</sup>, P. Smeele<sup>2</sup>, T. Vriend<sup>3</sup>, F. Holleman<sup>4</sup>, M. Barlag<sup>5</sup>, N. Mostafavi<sup>2</sup>, J.G.P. Tijssen<sup>6</sup>, M.R. Soeters<sup>7</sup>, M. Nieuwdorp<sup>4</sup>, J.J.G.H.M Bergman<sup>2</sup> <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, Amsterdam, <sup>2</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, <sup>3</sup>Dept. of Dietetics, Amsterdam UMC, Amsterdam, <sup>4</sup>Dept. of Internal Medicine, Amsterdam UMC, Amsterdam, <sup>5</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, Amsterdam, <sup>6</sup>Dept. of Scientific Research, Amsterdam UMC, Amsterdam, <sup>7</sup>Dept. of Gastroenterology, Hepatology and Endocrinology, Amsterdam UMC, Amsterdam, The Netherlands.

**Recurrent neoplasia after endoscopic treatment for barrett's neoplasia is rare and random biopsies do not contribute to its detection: results from a nationwide cohort including all 1,154 patients treated in The Netherlands between 2008 and 2018**

S.N. van Munster<sup>1</sup>, E.A. Nieuwenhuis<sup>1</sup>, B.L.A.M. Weusten<sup>2</sup>, L. Alvarez Herrero<sup>2</sup>, A. Bogte<sup>3</sup>, A. Alkhalaf<sup>4</sup>, B.E. Schenk<sup>4</sup>, E. Schoon<sup>5</sup>, W. Curvers<sup>6</sup>, A.D. Koch<sup>7</sup>, S.E.M. van de Ven<sup>7</sup>, P.J.F. de Jonge<sup>7</sup>, T. Tang<sup>8</sup>, W.B. Nagengast<sup>9</sup>, F.T.M. Peters<sup>9</sup>, J. Westerhof<sup>9</sup>, M.H.M.G. Houben<sup>10</sup>, J.J.G.H.M Bergman<sup>1</sup>, R.E. Pouw<sup>1</sup> <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Isala, Zwolle, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Catharina ziekenhuis, Eindhoven, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, IJsselland Ziekenhuis, Capelle aan den IJssel, The Netherlands. <sup>9</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Haga Ziekenhuis, Den Haag, The Netherlands.

**Post-ercp infections caused by contaminated duodenoscopes**

J.A. Kwakman<sup>1</sup>, M.J. Bruno<sup>1</sup>, M.C. Vos<sup>2</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, <sup>2</sup>Dept. of Medical Microbiology, Erasmus Medical Center, Rotterdam, The Netherlands.

**Improving optical diagnosis of colorectal polyps using computer-aided diagnosis (cadx)**

Q.E.W. van der Zander<sup>1</sup>, R.M. Schreuder<sup>2</sup>, R. Fonolla<sup>3</sup>, T. Scheeve<sup>3</sup>, F. van der Sommen<sup>3</sup>, S. Subramaniam<sup>4</sup>, P.H.N. de With<sup>3</sup>, A.A.M. Masclee<sup>1</sup>, E.J. Schoon<sup>2</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>3</sup>Dept. of Electrical Engineering, Eindhoven University of Technology, Eindhoven, The Netherlands. <sup>4</sup>Dept. of Gastroenterology, Queen Alexandra Hospital, Portsmouth, United Kingdom.

### **Artificial intelligent algorithm detects barrett neoplasia with high diagnostic accuracy during live endoscopic procedures**

*M.R. Struyvenberg<sup>1</sup>, A.J. de Groof<sup>1</sup>, K.N. Fockens<sup>1</sup>, J. van der Putten<sup>2</sup>, F. van der Sommen<sup>2</sup>, T. Boers<sup>2</sup>, S. Zinger<sup>2</sup>, R. Bisschops<sup>3</sup>, P.H.N. de With<sup>2</sup>, R.E. Pouw<sup>1</sup>, W.L. Curvers<sup>4</sup>, E.J. Schoon<sup>4</sup>, J.J.G.H.M Bergman<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Electrical Engineering, Technical University Eindhoven, Eindhoven, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, University Hospital Leuven, Leuven, Belgium. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Catharina Ziekenhuis, Eindhoven, The Netherlands.*

### **Patency of eus-guided gastroenterostomy in the treatment of malignant gastric outlet obstruction**

*J.B. Kastelijn<sup>1</sup>, L.M.G. Moons<sup>1</sup>, F.J. Garcia-Alonso<sup>2</sup>, M. Pérez-Miranda<sup>2</sup>, V. Masaryk<sup>3</sup>, U. Will<sup>3</sup>, I. Tarantino<sup>4</sup>, H.M. van Dullemen<sup>5</sup>, R. Bijlsma<sup>6</sup>, J.W. Poley<sup>7</sup>, M.P. Schwartz<sup>8</sup>, F.P. Vleggaar<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Hospital Universitario Rio Hortega, Valladolid, Spain. <sup>3</sup>Dept. of Gastroenterology and Hepatology, SRH Wald-Klinikum, Gera, Germany. <sup>4</sup>Dept. of Gastroenterology and Interventional Endoscopy, Mediterranean Institute for Transplantation & Advanced Specialized Therapies, Palermo, Italy. <sup>5</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Martini Ziekenhuis, Groningen, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, Meander Medisch Centrum, Amersfoort, The Netherlands.*

### **Lecture:**

#### **Intestinale metaplasie van de maag: hoe te detecteren en hoe te vervolgen?**

*Prof. dr. R. Bisschops, MDL-arts, UZ Leuven, België*



Voorzitters: N. van Lelyveld en V.M.C.W. Spaander

**10-year follow-up of a randomised controlled trial comparing neoadjuvant chemoradiotherapy plus surgery versus surgery alone for oesophageal or junctional cancer (cross)**

B.M. Eyck<sup>1</sup>, B.J. van der Wilk<sup>1</sup>, J.J.B. van Lanschot<sup>1</sup>, M.C.C.M. Hulshof<sup>2</sup>, J. Shapiro<sup>1</sup>, P. van Hagen<sup>1</sup>, D. Nieboer<sup>3</sup>, M.I. van Berge Henegouwen<sup>4</sup>, B.P.L. Wijnhoven<sup>1</sup>, H.W.M. van Laarhoven<sup>5</sup>, G.A.P. Nieuwenhuijzen<sup>6</sup>, G.A.P. Hospers<sup>7</sup>, J.J. Bonenkamp<sup>8</sup>, M.A. Cuesta<sup>9</sup>, R.J.B. Baisse<sup>10</sup>, O.R. Busch<sup>4</sup>, F.J.W. Ten Kate<sup>11</sup>, G.J.M. Creemers<sup>12</sup>, C.J.A. Punt<sup>5</sup>, J.T.M. Plukker<sup>13</sup>, H.M.W. Verheul<sup>14</sup>, E.J. Spillenaar Bilgen<sup>10</sup>, H. van Dekken<sup>15</sup>, M.J.C. van der Sangen<sup>16</sup>, T. Rozema<sup>17</sup>, K. Biermann<sup>11</sup>, J.C. Beukema<sup>18</sup>, A.H.M. Piet<sup>19</sup>, C.M. van Rij<sup>20</sup>, J.G. Reinders<sup>21</sup>, H.W. Tilanus<sup>1</sup>, A. van der Gaast<sup>22</sup>. <sup>1</sup>Dept. of Surgery, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Radiotherapy, Cancer Center Amsterdam, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Public Health, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>4</sup>Dept. of Surgery, Cancer Center Amsterdam, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>5</sup>Dept. of Medical Oncology, Cancer Center Amsterdam, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>6</sup>Dept. of Surgery, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>7</sup>Dept. of Medical Oncology, University Medical Center Groningen, Comprehensive Cancer Center, Groningen, The Netherlands. <sup>8</sup>Dept. of Surgery, Radboudumc, Nijmegen, The Netherlands. <sup>9</sup>Dept. of Surgery, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>10</sup>Dept. of Surgery, Rijnstate Ziekenhuis, Arnhem, The Netherlands. <sup>11</sup>Dept. of Pathology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>12</sup>Dept. of Medical Oncology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>13</sup>Dept. of Surgery, University Medical Center Groningen, Groningen, The Netherlands. <sup>14</sup>Dept. of Medical Oncology, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>15</sup>Dept. of Pathology, Sint Lucas Andreas Ziekenhuis, Amsterdam, The Netherlands. <sup>16</sup>Dept. of Radiation Oncology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>17</sup>Dept. of Radiation Oncology, Radboudumc, Nijmegen, The Netherlands. <sup>18</sup>Dept. of Radiation Oncology, University Medical Center Groningen, Groningen, The Netherlands. <sup>19</sup>Dept. of Radiation Oncology, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>20</sup>Dept. of Radiation Oncology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>21</sup>Dept. of Radiation Oncology, Arnhem Radiotherapeutic Institute ARTI, Arnhem, The Netherlands. <sup>22</sup>Dept. of Medical Oncology, Erasmus Medical Center, Rotterdam, The Netherlands.

**Decompressing stoma versus emergency resection for left-sided obstructive colon cancer: a nationwide, propensity score matched study**

J.V. Veld<sup>1</sup>, F.J. Amelung<sup>2</sup>, W.A.A. Borstlap<sup>3</sup>, E.E. van Halsema<sup>1</sup>, E.C.J. Consten<sup>2</sup>, P.D. Siersema<sup>4</sup>, F. ter Borg<sup>5</sup>, E.S. van der Zaag<sup>6</sup>, P. Fockens<sup>7</sup>, W.A. Bemelman<sup>3</sup>, J.E. van Hooft<sup>1</sup>, P.J. Tanis<sup>3</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam. <sup>2</sup>Dept. of Surgery, Meander Medisch Centrum, Amersfoort. <sup>3</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Deventer Ziekenhuis, Deventer. <sup>6</sup>Dept. of Surgery, Gelre Ziekenhuizen, Apeldoorn. <sup>7</sup>Dept. of Gastroenterology, Amsterdam UMC, loc. AMC, Amsterdam.

**Accuracy of mri for clinical staging of early rectal cancer: a large population-based cohort study**

R. Detering<sup>1</sup>, S.E. van Oostendorp<sup>2</sup>, V. Meyer<sup>3</sup>, S. van Dieren<sup>4</sup>, A.C.R.K. Bos<sup>5</sup>, J.W.T. Dekker<sup>6</sup>, O. Reerink<sup>7</sup>, J.H.T.M. van Waesberghe<sup>8</sup>, C.A.M. Marijnen<sup>9</sup>, L.M.G. Moons<sup>10</sup>, R.G.H. Beets-Tan<sup>11</sup>, R. Hompes<sup>1</sup>, H.L. van de Westreenen<sup>3</sup>, P.J. Tanis<sup>1</sup>, J.B. Tuynman<sup>2</sup>. <sup>1</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam. <sup>2</sup>Dept. of Surgery, Amsterdam UMC, loc. VUmc, Amsterdam. <sup>3</sup>Dept. of Surgery, Isala, Zwolle. <sup>4</sup>Dept. of Clinical Research Office, Amsterdam UMC, loc. AMC, Amsterdam. <sup>5</sup>Dept. of Research & Development, Netherlands Comprehensive Cancer Organisation, Utrecht. <sup>6</sup>Dept. of Surgery, Reinier de Graaf Gasthuis, Delft. <sup>7</sup>Dept. of Radiotherapy, Isala, Zwolle. <sup>8</sup>Dept. of Radiology, Amsterdam UMC, loc. VUmc, Amsterdam. <sup>9</sup>Dept. of Radiotherapy, Antoni van Leeuwenhoek - Netherlands Cancer Institute, Amsterdam. <sup>10</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht. <sup>11</sup>Dept. of Radiology, Antoni van Leeuwenhoek - Netherlands Cancer Institute, Amsterdam.

### **Individual risk calculator to predict lymph node metastases in patients with submucosal (t1b) esophageal adenocarcinoma: multicenter cohort study**

S.E.M. van de Ven<sup>1</sup>, A.W. Gotink<sup>1</sup>, F.J.C. Ten Kate<sup>2</sup>, D. Nieboer<sup>3</sup>, B.L.A.M. Weusten<sup>4</sup>, L.A.A. Brosens<sup>5</sup>, R. van Hillegersberg<sup>6</sup>, L. Alvarez Herrero<sup>7</sup>, C.A. Seldenrijk<sup>8</sup>, A. Alkhalaf<sup>9</sup>, F.C.P. Moll<sup>9</sup>, E.J. Schoon<sup>10</sup>, I. van Lijnschoten<sup>11</sup>, T. Tang<sup>12</sup>, H. van der Valk<sup>13</sup>, W.B. Nagengast<sup>14</sup>, G. Kats-Ugurlu<sup>15</sup>, J.T.M. Plukker<sup>16</sup>, M.H.M.G. Houben<sup>17</sup>, J. van der Laan<sup>18</sup>, R.E. Pouw<sup>19</sup>, J.J.G.H.M Bergman<sup>19</sup>, S.L. Meijer<sup>20</sup>, M.I. van Berge Henegouwen<sup>21</sup>, B.P.L. Wijnhoven<sup>22</sup>, P.J.F. de Jonge<sup>1</sup>, M. Doukas<sup>2</sup>, M.J. Bruno<sup>1</sup>, K. Biermann<sup>2</sup>, A.D. Koch<sup>1</sup>.  
<sup>1</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Pathology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>3</sup>Dept. of Public Health, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>5</sup>Dept. of Pathology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>6</sup>Dept. of Surgery, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>8</sup>Dept. of Pathology, Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>9</sup>Dept. of Pathology, Isala, Zwolle, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>11</sup>Dept. of Pathology, Catharina Ziekenhuis, Eindhoven, The Netherlands. <sup>12</sup>Dept. of Gastroenterology and Hepatology, IJsselland Ziekenhuis, Capelle aan den IJssel, The Netherlands. <sup>13</sup>Dept. of Pathology, IJsselland Ziekenhuis, Capelle aan den IJssel, The Netherlands. <sup>14</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>15</sup>Dept. of Pathology, University Medical Center Groningen, Groningen, The Netherlands. <sup>16</sup>Dept. of Surgery, University Medical Center Groningen, Groningen, The Netherlands. <sup>17</sup>Dept. of Gastroenterology and Hepatology, Haga Ziekenhuis, Den Haag, The Netherlands. <sup>18</sup>Dept. of Pathology, Haga Ziekenhuis, Den Haag, The Netherlands. <sup>19</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>20</sup>Dept. of Pathology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>21</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>22</sup>Dept. of Surgery, Erasmus Medical Center, Rotterdam, The Netherlands.

### **Lecture:**

#### **Premaligne maagafwijkingen, wat moeten we er mee?**

Prof. dr. V.M.C.W. Spaander, MDL-arts, Erasmus MC

### **Poor diagnostic accuracy of serum igg4/igg rna ratio for discriminating igg4-related disease from pancreatic or biliary cancer (dipac): a prospective cohort study**

E.S. de Vries<sup>1</sup>, F.R. Tielbeke<sup>1</sup>, L.M. Hubers<sup>1</sup>, J.T. Helder<sup>1</sup>, N. Mostafavi<sup>1</sup>, J. Verheij<sup>2</sup>, J.E. van Hooft<sup>1</sup>, P. Fockens<sup>1</sup>, M.G. Besselink<sup>3</sup>, N. de Vries<sup>4</sup>, U. Beuers<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, <sup>2</sup>Dept. of Pathology, <sup>3</sup>Dept. of Surgery, <sup>4</sup>Dept. of Immunopathology, Amsterdam UMC, Amsterdam, The Netherlands.

### **Extremely sensitive next generation sequencing mutation analysis in biliary brush has a high diagnostic accuracy to distinguish benign and malignant strictures in primary sclerosing cholangitis**

E.J.C.A. Kamp<sup>1</sup>, W.N.M. Dinjens<sup>2</sup>, M.F. van Velthuysen<sup>2</sup>, J.W. Poley<sup>1</sup>, M.J. Bruno<sup>1</sup>, M.P. Peppelenbosch<sup>1</sup>, A.C. de Vries<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Pathology, Erasmus Medical Center, Rotterdam, The Netherlands.

### **Whole genome dna methylation profiling identifies neuroendocrine tumor origin**

W.M. Hackeng<sup>1</sup>, C. Geisenberger<sup>2</sup>, W.W.J. de Leng<sup>1</sup>, F.H. Morsink<sup>1</sup>, M.R. Vriens<sup>3</sup>, G.D. Valk<sup>4</sup>, G.J.A. Offerhaus<sup>1</sup>, K.M.A. Dreijerink<sup>5</sup>, L.A.A. Brosens<sup>1</sup>. <sup>1</sup>Dept. of Pathology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>2</sup>Dept. of Scientific Research, The Hubrecht Institute, Utrecht, The Netherlands. <sup>3</sup>Dept. of Surgery, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>4</sup>Dept. of Internal Medicine, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>5</sup>Dept. of Internal Medicine, Amsterdam UMC, Amsterdam, The Netherlands.

### **CT-based radiomics for prediction of resectability in pancreatic ductal adenocarcinoma**

G. Litjens<sup>1</sup>, M.H.A. Janse<sup>2</sup>, S. Zinger<sup>3</sup>, E.J.M. van Geenen<sup>4</sup>, C.J.H.M. van Laarhoven<sup>5</sup>, W.M. Prokop<sup>1</sup>, P.H.N. de With<sup>3</sup>, H.J. Huisman<sup>1</sup>, J.J. Hermans<sup>1</sup>. <sup>1</sup>Dept. of Radiology and Nuclear Medicine, Radboudumc, Nijmegen, The Netherlands. <sup>2</sup>Dept. of Radiology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>3</sup>Dept. of Electrical Engineering, Technical University Eindhoven, Eindhoven, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands. <sup>5</sup>Dept. of Surgery, Radboudumc, Nijmegen, The Netherlands.

Voorzitters: S.F.G. Jeurink en F.D.M. van Schaik

**Lecture:**

**Nieuwe IBD therapieën: wat komt er aan en hoe gaan we implementeren?**

*Dr. F. Hoentjen, MDL-arts, Radboudumc, Nijmegen*

**Ustekinumab is associated with better effectiveness outcomes when compared to vedolizumab in crohn's disease patients with prior failure to anti-tnf: a comparative effectiveness study**

*V.B.C. Biemans<sup>1</sup>, C.J. van der Woude<sup>2</sup>, G. Dijkstra<sup>3</sup>, A.E. van der Meulen-de Jong<sup>4</sup>, M. Löwenberg<sup>5</sup>, N.K. de Boer<sup>6</sup>, B. Oldenburg<sup>7</sup>, N. Srivastava<sup>8</sup>, J.M. Jansen<sup>9</sup>, A.G.L. Bodelier<sup>10</sup>, R.L. West<sup>11</sup>, A.C. de Vries<sup>2</sup>, J.J.L. Haans<sup>12</sup>, D. de Jong<sup>13</sup>, F. Hoentjen<sup>13</sup>, M.J. Pierik<sup>12</sup>.*

<sup>1</sup>Dept. of Gastroenterology and Hepatology, Radboudumc & Maastricht University Medical Center, Nijmegen, The Netherlands.

<sup>2</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc.

AMC, Amsterdam, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, AG&M Research Institute, Amsterdam, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Utrecht, Utrecht, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, Haaglanden Medisch Centrum, Den Haag, The Netherlands. <sup>9</sup>Dept.

of Gastroenterology and Hepatology, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Amphia Ziekenhuis, Breda, The Netherlands. <sup>11</sup>Dept. of Gastroenterology and Hepatology, Franciscus Gasthuis & Vlietland, Rotterdam, The Netherlands. <sup>12</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>13</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands.

<sup>13</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands.

**Inflammatory bowel disease (IBD) patients frequently report adverse drug reactions during biologic therapy: a multicentre, prospective, patient-reported pharmacovigilance monitoring system**

*P.W.A. Thomas<sup>1</sup>, R.L. West<sup>2</sup>, M.G.V.M. Russel<sup>3</sup>, J.J. Jansen<sup>4</sup>, J.A. van Lint<sup>5</sup>, N.T. Jessurun<sup>5</sup>, T.E.H. Römken<sup>6</sup>, F. Hoentjen<sup>1</sup>.*

<sup>1</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Franciscus Gasthuis & Vlietland, Rotterdam, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, Medisch Spectrum Twente, Enschede, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands. <sup>5</sup>Dept. of Public Health, Pharmacovigilance Centre LAREB, 's-hertogenbosch, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Jeroen Bosch Ziekenhuis, 's-hertogenbosch, The Netherlands.

<sup>6</sup>Dept. of Gastroenterology and Hepatology, Jeroen Bosch Ziekenhuis, 's-hertogenbosch, The Netherlands.

**Prediction model to safely cease anti-tnf therapy in crohn's disease: validation of a predictive diagnostic tool for cessation of anti-tnf treatment in cd in a dutch population**

*S. ten Bokkel Huinink<sup>1</sup>, D.C. de Jong<sup>2</sup>, C.J. van der Woude<sup>1</sup>, D. Nieboer<sup>3</sup>, E.W. Steyerberg<sup>3</sup>, F.H.J. Wolfhagen<sup>4</sup>, S.A.C. van Tuyl<sup>5</sup>, R.L. West<sup>6</sup>, T.E.H. Romkens<sup>7</sup>, A.C.I.T.L. Tan<sup>8</sup>, F. Hoentjen<sup>9</sup>, W.G.N. Mares<sup>10</sup>, A.G.L. Bodelier<sup>11</sup>, G. Dijkstra<sup>12</sup>, M. Duivestijn<sup>13</sup>, G.R.A.M. D'Haens<sup>2</sup>, A.C. de Vries<sup>1</sup>.*

<sup>1</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Scientific Research, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Albert Schweitzer Ziekenhuis, Dordrecht, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Diaconessenhuis, Utrecht, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Franciscus Gasthuis & Vlietland, Rotterdam, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, Jeroen Bosch Ziekenhuis, Den Bosch, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, Canisius Wilhelmina Ziekenhuis, Nijmegen, The Netherlands. <sup>9</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Gelderse Vallei, Ede, The Netherlands. <sup>11</sup>Dept. of Gastroenterology and Hepatology, Amphia Ziekenhuis, Breda, The Netherlands. <sup>12</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>13</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, AG&M Research Institute, Amsterdam, The Netherlands.

<sup>13</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, AG&M Research Institute, Amsterdam, The Netherlands.

### **Comorbidity is associated with safety outcomes in vedolizumab and ustekinumab treated inflammatory bowel disease patients**

V.E.R. Asscher<sup>1</sup>, V.B.C. Biemans<sup>2</sup>, M.J. Pierik<sup>3</sup>, G. Dijkstra<sup>4</sup>, A.E. van der Meulen-de Jong<sup>1</sup>, M. Löwenberg<sup>5</sup>, S. van der Marel<sup>6</sup>, K.H.N. de Boer<sup>7</sup>, A.G.L. Bodelier<sup>8</sup>, J.M. Jansen<sup>9</sup>, R.L. West<sup>10</sup>, J.J.L. Haans<sup>3</sup>, W.A. van Dop<sup>2</sup>, R.K. Weersma<sup>4</sup>, F. Hoentjen<sup>2</sup>, P.W.J. Maljaars<sup>1</sup>.  
<sup>1</sup>Dept. of Gastroenterology and Hepatology, Leiden University Medical Center, Leiden, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>5</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>6</sup>Dept. of Gastroenterology and Hepatology, Haaglanden Medisch Centrum, The Hague, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>8</sup>Dept. of Gastroenterology and Hepatology, Amphia Ziekenhuis, Breda, The Netherlands. <sup>9</sup>Dept. of Gastroenterology and Hepatology, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands. <sup>10</sup>Dept. of Gastroenterology and Hepatology, Franciscus Gasthuis & Vlietland, Rotterdam, The Netherlands.

### **Lecture:**

#### **Big data in IBD**

Prof. dr. B. Oldenburg, MDL-arts, UMC Utrecht

### **Platelet-rich stroma injection (prs) as a novel surgical treatment of refractory perianal fistulas in crohn's disease: a pilot study**

J.H.C. Arkenbosch<sup>1</sup>, O. van Ruler<sup>2</sup>, R.S. Dwarkasing<sup>3</sup>, W.R. Schouten<sup>2</sup>, A.C. de Vries<sup>1</sup>, E.J.R. de Graaf<sup>2</sup>, C.J. van der Woude<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Surgery, IJsselland Ziekenhuis, Capelle a/d IJssel, The Netherlands. <sup>3</sup>Dept. of Radiology, Erasmus Medical Center, Rotterdam, The Netherlands.

### **Can lifestyle and psychosocial factors predict flares of ibd; an exploratory study using telemedicine**

G.M.C. Adriaans<sup>1</sup>, R.C.A. Lalisang<sup>1</sup>, M. de Jong<sup>2</sup>, A. van der Meulen-de Jong<sup>3</sup>, M. Romberg-Camps<sup>4</sup>, N. Mahmood<sup>5</sup>, T. Markus-de Kwaadsteniet<sup>6</sup>, G. Dijkstra<sup>7</sup>, J. Haans<sup>1</sup>, C. Stamm<sup>8</sup>, R. Vanwersch<sup>9</sup>, D. Jonkers<sup>1</sup>, R.J. Almeida<sup>1</sup>, M.J. Pierik<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>2</sup>Dept. of Gastroenterology, Haga Ziekenhuis, Den Haag, The Netherlands. <sup>3</sup>Dept. of Gastroenterology, Leiden University Medical Center, Leiden, The Netherlands. <sup>4</sup>Dept. of Gastroenterology, Zuyderland Medisch Centrum, Sittard, The Netherlands. <sup>5</sup>Dept. of Gastroenterology, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands. <sup>6</sup>Dept. of Health Services Research, Stichting mijnIBDcoach, Mijdrecht, The Netherlands. <sup>7</sup>Dept. of Gastroenterology and Hepatology, University Medical Center Groningen, Groningen, The Netherlands. <sup>8</sup>Dept. of Health Services Research, Pacmed, Amsterdam, The Netherlands. <sup>9</sup>Dept. of Gastroenterology and Hepatology, Eindhoven University of Technology, Eindhoven, The Netherlands.

### **Colorectal neoplasia risk in patients with inflammatory bowel disease and serrated lesions**

M.E. de Jong<sup>1</sup>, S. Vos<sup>2</sup>, I. Nagtegaal<sup>2</sup>, Y. van Herwaarden<sup>1</sup>, L.A.A.P. Derikx<sup>1</sup>, F. Hoentjen<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Radboudumc, Nijmegen, The Netherlands. <sup>2</sup>Dept. of Pathology, Radboudumc, Nijmegen, The Netherlands.

### **Pd-1 expressing T cells in patients with different types of colitis**

B. Roosenboom<sup>1</sup>, C.S. Horjus Talabur Horje<sup>1</sup>, C. Smids<sup>1</sup>, J.W. Leeuwis<sup>2</sup>, E. Koolwijk van<sup>3</sup>, M.J.M. Groenen<sup>1</sup>, P.J. Wahab<sup>1</sup>, E.G. Lochem van<sup>3</sup>, <sup>1</sup>Dept. of Gastroenterology and Hepatology, Rijnstate Ziekenhuis, Arnhem, The Netherlands. <sup>2</sup>Dept. of Pathology, Rijnstate Ziekenhuis, Arnhem, The Netherlands. <sup>3</sup>Dept. of Immunopathology, Rijnstate Ziekenhuis, Arnhem, The Netherlands.

Voorzitters: J.H. Escher en B. Koot

**A combined in vitro digestion/gut cell model to study the effects of IF with pre- and post-biotics on gut maturation**

G. Thomassen, M. Mischke, L. Schwebel, E. Abrahamse, J. Knol, I.B. Renes. Dept. of Gut Biology & Microbiology, Danone Nutricia Research, Utrecht, The Netherlands.

**Early life antibiotics influence in vivo and in vitro mouse intestinal epithelium maturation and functioning**

T.M.G. Martins Garcia<sup>1</sup>, R.M. van Elburg<sup>2</sup>, V. Muncan<sup>1</sup>, I.B. Renes<sup>2</sup>. <sup>1</sup>Tytgat Institute for Liver and Intestinal Research, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Pediatrics, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**In vitro lipid digestion of infant formula with large phospholipid coated fat droplets is slower than standard infant formula and closer to human milk**

G. Thomassen<sup>1</sup>, E. Abrahamse<sup>1</sup>, B.J.M. van de Heijning<sup>2</sup>, M. Balvers<sup>3</sup>, J. Knol<sup>1</sup>, I.B. Renes<sup>1</sup>. <sup>1</sup>Dept. of Gut Biology & Microbiology, Danone Nutricia Research, Utrecht, The Netherlands. <sup>2</sup>Dept. of Metabolism and Growth, Danone Nutricia Research, Utrecht, The Netherlands. <sup>3</sup>Dept. of Analytical Sciences, Danone Nutricia Research, Utrecht, The Netherlands.

**Planting the seeds in preventing necrotizing enterocolitis**

N. van Best<sup>1</sup>, J. Penders<sup>1</sup>, S. Trepels-Kotte<sup>2</sup>, T. Orlikowsky<sup>2</sup>, M. Horne<sup>3</sup>. <sup>1</sup>Dept. of Medical Microbiology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>2</sup>Dept. of Pediatrics, RWTH University Hospital Aachen, Aachen, Germany. <sup>3</sup>Dept. of Medical Microbiology, RWTH University Hospital Aachen, Aachen, Germany.

**Lecture:**

**Organoids in kinder-MDL onderzoek**

I.F. Schene, arts-onderzoeker, Afdeling Kindergeneeskunde UMC Utrecht

**Complex inheritance explains infantile hypertrophic pyloric stenosis development in patients with esophageal atresia best**

C.A. ten Kate<sup>1</sup>, R.W.W. Brouwer<sup>2</sup>, Y. van Bever<sup>3</sup>, V.K. Martens<sup>3</sup>, T. Brands<sup>3</sup>, N.W.G. van Beelen<sup>4</sup>, A. Brooks<sup>3</sup>, D. Huigh<sup>4</sup>, H. Eussen<sup>3</sup>, W.F.J. van Ijcken<sup>2</sup>, H. IJsselstijn<sup>5</sup>, D. Tibboel<sup>5</sup>, R.M.H. Wijnen<sup>4</sup>, A. de Klein<sup>3</sup>, R.M.W. Hofstra<sup>3</sup>, E. Brosens<sup>3</sup>. <sup>1</sup>Dept. of Gastroenterology, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Biomedical Data Sciences, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>3</sup>Dept. of Clinical Genetics, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>4</sup>Dept. of Surgery, Erasmus Medical Center, Rotterdam, The Netherlands. <sup>5</sup>Dept. of Pediatrics, Erasmus Medical Center, Rotterdam, The Netherlands.

**Do antibiotics reduce the incidence of infections after percutaneous endoscopic gastrostomy placement in children?**

H. Krom<sup>1</sup>, C.M.W. van den Hoek<sup>2</sup>, M.A. Benninga<sup>1</sup>, E.A. Delemarre<sup>3</sup>, J.R. de Jong<sup>4</sup>, B.G.P. Koot<sup>1</sup>, M.M. Tabbers<sup>1</sup>, H. Voegt<sup>3</sup>, A. Kindermann<sup>1</sup>. <sup>1</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Pediatrics, Amsterdam UMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amsterdam UMC, Amsterdam, The Netherlands. <sup>4</sup>Dept. of Surgery, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.

**Cine-MRI versus colonic manometry in the assessment of colon motility in children with functional constipation: a feasibility study**

C.S. de Jonge<sup>1</sup>, M.H. Vriesman<sup>2</sup>, S. Kuizenga-Wessel<sup>2</sup>, B. Adler<sup>3</sup>, C. Di Lorenzo<sup>4</sup>, A. Menys<sup>5</sup>, A.J. Nederveen<sup>1</sup>, J. Stoker<sup>1</sup>, M.A. Benninga<sup>2</sup>. <sup>1</sup>Dept. of Radiology and Nuclear Medicine, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Radiology, Nationwide Children's Hospital, Columbus, ohio, United States Of America. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Nationwide Children's Hospital, Columbus, ohio, United States Of America. <sup>5</sup>Dept. of Biometrics, Motilent, London, United Kingdom.

**Top-down infliximab superior to step-up in children with moderate-to-severe crohn's disease - a multicenter randomized controlled trial**

M.M.E. Jongsma<sup>1</sup>, M.A. Aardoom<sup>1</sup>, M.A. Cozijnsen<sup>1</sup>, M. van Pieterse<sup>1</sup>, T.G.J. de Meij<sup>2</sup>, O.F. Norbruis<sup>3</sup>, M. Groeneweg<sup>4</sup>, V.M. Wolters<sup>5</sup>, H.M. van Wering<sup>6</sup>, I. Hojsak<sup>7</sup>, K.L. Kolho<sup>8</sup>, T. Hummel<sup>9</sup>, J. Stapelbroek<sup>10</sup>, C. van der Feen<sup>11</sup>, P.F. van Rheenen<sup>12</sup>, M.P. van Wijk<sup>13</sup>, S. Teklenburg -Roord<sup>3</sup>, J.C. Escher<sup>1</sup>, J.N. Samsom<sup>14</sup>, L. de Ridder<sup>1</sup>. <sup>1</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Erasmus Medical Center - Sophia Kinderziekenhuis, Rotterdam, The Netherlands. <sup>2</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amsterdam UMC, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Isala, Zwolle, The Netherlands. <sup>4</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Maasstad Ziekenhuis, Rotterdam, The Netherlands. <sup>5</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, University Medical Center Utrecht - Wilhelmina Kinderziekenhuis, Utrecht, The Netherlands. <sup>6</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amphia Ziekenhuis, Breda, The Netherlands. <sup>7</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Zagreb Children's Hospital, Zagreb, Croatia. <sup>8</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Tampere University Hospital, Helsinki, Finland. <sup>9</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Medisch Spectrum Twente, Enschede, The Netherlands. <sup>10</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Catharina ziekenhuis, Eindhoven, The Netherlands. <sup>11</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Jeroen Bosch Ziekenhuis, Den Bosch, The Netherlands. <sup>12</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, University Medical Center Groningen, Groningen, The Netherlands. <sup>13</sup>Dept. of Pediatric Gastroenterology Hepatology and Nutrition, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>14</sup>Dept. of Pediatrics, Erasmus Medical Center - Sophia Kinderziekenhuis, Rotterdam, The Netherlands.

**Lecture:**

**Update richtlijnen IBD bij kinderen**

Prof. dr. J.C. Escher, kinderarts-MDL, Erasmus MC – Sophia Kinderziekenhuis, Rotterdam

Voorzitters: F. van Hoeij en A.J.P.M. Smout

**Lecture:**

**Recent advances in the treatment of achalasia**

*Froukje van Hoeij, aios MDL, UMCU, Utrecht*

**Oral or intragastric delivery of the bitter tastant quinine does not influence food intake**

*T. Klaassen<sup>1</sup>, D. Keszthelyi<sup>1</sup>, A.M.E. Alleleyn<sup>1</sup>, E. Wilms<sup>1</sup>, A. Bast<sup>2</sup>, A.A.M. Masclee<sup>1</sup>, F.J. Troost<sup>2</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands. <sup>2</sup>School of Engineering, Maastricht University, Campus Venlo, Venlo, The Netherlands.*

**Assessing needs of IBS patients with regard to healthcare delivery - a focus group study in dutch patients**

*J.T.W. Sijm<sup>1</sup>, A.A.M. Masclee<sup>1</sup>, J.W. Kruimel<sup>1</sup>, D. Keszthelyi<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands.*

**Psychological well-being and distress among adult eoe patients**

*W.E. de Rooij<sup>1</sup>, F. Bennebroek Evertsz<sup>2</sup>, Y.M. Wong<sup>2</sup>, A.J. Bredenoord<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Pediatric Medical Psychology and Social Work, Amsterdam UMC, Amsterdam, The Netherlands.*

**Pathophysiology of the inability to belch syndrome: observations made with prolonged esophageal pressure and impedance monitoring**

*R.A.B. Oude Nijhuis<sup>1</sup>, J.A. Snelleman<sup>2</sup>, B.F. Kessing<sup>3</sup>, J.M. Oors<sup>3</sup>, D.A. Heuveling<sup>2</sup>, L. ten Cate<sup>3</sup>, J.M. Schuitenmaker<sup>1</sup>, A.J.P.M. Smout<sup>1</sup>, A.J. Bredenoord<sup>1</sup>. <sup>1</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Otorhinolaryngology and Head and Neck Surgery, Meander Medisch Centrum, Amersfoort, The Netherlands. <sup>3</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, Amsterdam, The Netherlands.*

**Towards a visceral hypersensitivity-associated microbiome signature: analysis of a clinical cohort indicates, independent of intervention, baseline differences and compositional shifts related to visceral sensitivity changes**  
*I.A.M. van Thiel<sup>1</sup>, M. Davids<sup>2</sup>, T.B.M. Hakvoort<sup>1</sup>, D. Vu<sup>3</sup>, D.M.A.E. Jonkers<sup>4</sup>, W.J. de Jonge<sup>1</sup>, R.M. van den Wijngaard<sup>1</sup>. <sup>1</sup>Tytgat Institute for Liver and Intestinal Research, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Vascular Medicine, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>3</sup>CBS Fungal Collection, Westerdijk Fungal Biodiversity Institute, Utrecht, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, The Netherlands.*

**Assessment of small bowel motility in chronic intestinal pseudo-obstruction using caloric stimulation and cine-mri**

*C.S. de Jonge<sup>1</sup>, K.L. van Rijn<sup>1</sup>, G. Bouma<sup>2</sup>, K. Horsthuis<sup>3</sup>, J.A.W. Tielbeek<sup>1</sup>, A.J.P.M. Smout<sup>4</sup>, A.J. Bredenoord<sup>4</sup>, J. Stoker<sup>1</sup>. <sup>1</sup>Dept. of Radiology and Nuclear Medicine, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands. <sup>2</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>3</sup>Dept. of Radiology and Nuclear Medicine, Amsterdam UMC, loc. VUmc, Amsterdam, The Netherlands. <sup>4</sup>Dept. of Gastroenterology and Hepatology, Amsterdam UMC, loc. AMC, Amsterdam, The Netherlands.*

**NVMDL webinar nieuwe richtlijn Acuut Leverfalen**

*Met casuïstiek, verzorgd door prof. dr. H.J. Metselaar, Hoogleraar Leverfalen & Levertransplantatie*

Acuut leverfalen is een zeldzame aandoening met een voorkomen in Nederland van 20 tot 80 gevallen per jaar. Het klinische beeld wordt veroorzaakt door een plotse en ernstige beschadiging van de lever, bij een tevoren normale lever. De belangrijkste oorzaken in Nederland zijn overdosering met paracetamol, idiosyncratische reactie op medicijnen en virale hepatitis. De belangrijkste gevolgen zijn icterus, hepatische encefalopathie, stollingsstoornissen, nierinsufficiëntie en multi-orgaan falen. Acuut leverfalen heeft een zeer hoge mortaliteit, waarbij snelle diagnose en behandeling (inclusief levertransplantatie) essentieel zijn. De NVMDL heeft in 2018 een multidisciplinaire werkgroep ingesteld om samen met het Kennisinstituut van de Federatie Medisch Specialisten de oude richtlijn acuut leverfalen te herzien volgens de eisen van de Medische Richtlijnen 2.0 van de adviescommissie Richtlijnen van de Raad Kwaliteit. De nieuwe richtlijn is opgebouwd uit 11 modules, waaronder herkenning en diagnostiek, ondersteuning en monitoring, behandeling van specifieke oorzaken en bepalen van kans op overlijden en noodzaak tot levertransplantatie.

Aan de hand van casuïstiek zullen de 11 modules en de belangrijkste nieuwe inzichten worden besproken. Tijdens de webinar zal uw opgedane kennis over acuut leverfalen worden getoetst. Het programma maakt deel uit van de serie webinars die via de DDD wordt aangeboden. U ontvangt hierover binnenkort via de NVGE bericht.

*De richtlijn bespreking wordt afgesloten met 10 toetsvragen*



## V&VN programma

Webinar 10: 90 minuten

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*Deze webinar bestaat uit een aantal geselecteerde voordrachten vanuit de secties Inflammatoire Darmziekten en Kinder-MDL.*

### **Nieuwe IBD therapieën: wat komt er aan en hoe gaan we implementeren?**

*Dr. F. Hoentjen, MDL-arts, Radboudumc, Nijmegen*

### **Big data in IBD**

*Prof. dr. B. Oldenburg, MDL-arts, UMC Utrecht*

### **Update richtlijnen IBD bij kinderen**

*Prof. dr. J.C. Escher, kinderarts-MDL, Erasmus MC – Sophia Kinderziekenhuis, Rotterdam*

*Naast bovenstaande samengestelde webinar en de livestreamsessie die op 9 september a.s. plaatsvindt, wordt ook de webinar 'NASH: pillen of het mes erin' van de Nederlandse Vereniging voor Hepatologie aanbevolen. Overigens zijn alle webinars die uw interesse hebben uiteraard toegankelijk.*