

PERSONAL INFORMATION

Johannes Taminiau

WORK EXPERIENCE

August 2014–Present

PDCO member

EEC (Belgium)

PDCO member for Health Care Professionals appointed for three years

July 2007–July 2013

Dutch representative in PDCO at EMA

VWS (Netherlands)

PDCO member

October 2005–October 2013

Board member

Medicines Evaluation Board (Netherlands)

Pediatric Medicines

April 2007–Present

Pediatric gastroenterologist

University Hospital Antwerp/Paola Children's Hospital (Belgium)

Pediatric gastroenterology

March 1976–April 2007

Pediatrician/ Pediatric gastroenterologist

Emma Children's Hospital/Academic Medical Center (Netherlands)

Pediatric Gastroenterology, Hepatology and Nutrition

EDUCATION AND TRAINING

May 1972–March 1976

Pediatrics

1972 - 1976 Resident training in paediatrics at the children's hospital (Netherlands)

Resident training in paediatrics

March 1-1976 Registered pediatrician.

July 1976–July 1979

Pediatric gastroenterology fellowship

1976 - 1977 Clinical Fellow, Division of Gastro-enterology, The Hospital for Sick Children, Toronto, Canada. (Canada)

March 1, 1979 Registered Pediatric Gastroenterologist, Hepatologist and Nutritionist.

ADDITIONAL INFORMATION

Expertise

Paediatric Gastroenterology, Hepatology and Nutrition.

Pancreatic diseases.

Metabolic Liver Diseases.

Infectious Diseases related to Cystic Fibrosis, Hepatitis B and C, Gastrointestinal Infections.

Drugs for Cholesterol/Lipid Disorders

Anti thrombotic drugs in children

Pharmacokinetics

Modelling and simulation

Publications

Publications J.A.J.M.Taminiau

- 1975 van Gennip AH, Tabak-van Gorcum JA, Taminiau JA, Wadman SK. The behaviour of LDH-3 in patients with malignant diseases during therapy with cytostatic drugs and prednisone, studied by LDH-isoenzyme electrophoresis on cellulose acetate. *Clin Chim Acta* 1975;58(1):85-94
- Mul JAJ, de Boer LEM, Taminiau JAJM, Ballieux RE: Light chain type ration of IgA-producing cells in human jejunal biopsies. *Eur J Clin Invest* 1975;5:63-67
- 1980 Taminiau JA, Gall DG, Hamilton JR. Response of the rat small-intestine epithelium to methotrexate. *Gut* 1980;21(6):486-92
- 1983 Smets LA, Taminiau J, Hahlen K, de Waal F, Behrendt H. Cell kinetic responses in childhood acute nonlymphocytic leukemia during high-dose therapy with cytosine arabinoside. *Blood* 1983;61(1):79-84
- 1984 Pilon JW, Naeff MS, Taminiau JA. Cardiotoxicity of doxorubicin in children. *Ned Tijdschr Geneesk* 1984;128(28):1339-43. Dutch. No abstract available.
- Taminiau JA. Acute gastroenteritis in children; pathophysiology and treatment. *Ned Tijdschr Geneesk* 1984 Nov 24;128(47):2224-9. Dutch. No abstract available.
- 1987 Hahlen K, van der Does-van den Berg A, Colly LP, Smets LA, Taminiau JA, Vossen JM. Treatment of childhood acute nonlymphocytic leukemia with individually scheduled high doses of cytarabine: preliminary results of study ANLL-82 of the Dutch Childhood Leukemia Study Group (DCLSG). *Hamatol Bluttransfus* 1987;30:389-92. No abstract available.
- 1988 Groot-Loonen JJ, Slater R, Taminiau J, Voute PA. Three consecutive primary malignancies in one patient during childhood. *Pediatr Hematol Oncol* 1988;5(4):287-92
- 1989 Groot-Loonen JJ, Slater R, Taminiau J, Voute PA. A patient with an immunodeficiency and consecutively 3 primary malignancies. *Tijdschr Kindergeneesk* 1989;57(2):67-70. Dutch.
- Taminiau JA. Medications in children. *Ned Tijdschr Geneesk* 1989;133(18):916-9. Dutch. No abstract available.
- Taminiau JA, van Caillie-Bertrand M, Douwes AC, Felius A, Schulpen TW. The treatment of acute gastroenteritis in children. *Ned Tijdschr Geneesk*. 1989;133(19):964-7. Dutch. No abstract available.
- 1990 Taminiau JAJM. Encopresis en obstipatie bij kinderen. *De Medicus* 1990;8(274)
- 1991 Wijburg FA, Kok L, Taminiau JA, Heymans HS. Swallowed foreign bodies in children. *Ned Tijdschr Geneesk*. 1991;135(16):724-5. Dutch. No abstract available.
- Bakker HD, Taminiau JA, van den Berg JE, Berger R. Hepatic phosphorylase b kinase deficiency with normal enzyme activity in leukocytes and erythrocytes. *J Inher Metab Dis*. 1991;14(2):269-70. No abstract available.
- 1992 Phillips AO, Schmitz J. Familial microvillus atrophy: a clinicopathological survey of 23 cases. Report of ESPGAN Working Group. *J Ped Gastroenterol & Nutr* 1992;14:380-396
- Walker-Smith JA, Taminiau JAJM, Desjeux FJ et al. Recommendations for composition of oral rehydration solutions for the children of Europe. *J Ped Gastroenterol & Nutr* 1992;14:113-115
- Taminiau JAJM. Intolerantie voor gluten: coeliakie bij zuigelingen. *Zuigelingenvoeding* 2e jaargang nr. 2; 9/1992.
- 1993 Benninga MA, Büller HA, Taminiau JA. Biofeedback training in chronic constipation. *Arch Dis Child* 1993;68(1):126-9
- Benninga MA, Büller HA, Heymans HSA, Taminiau JAJM. Chronische obstipatie bij kinderen; de rol van biofeedback training. *Ned Tijdschr Geneesk* 1993;725-27
- Benninga MA, Büller HA, Taminiau JA. Chronic constipation in children; the effect of biofeedback training with an one year follow-up. *Arch Dis Child* 1993;137:721-24
- Benninga MA, Büller HA, Taminiau JA. Biofeedback training in chronic constipation. *Pediatrics Digest* 1993;8:9-10
- Benninga MA, Büller HA, Heymans HS, Derkx HH, Taminiau JA. Chronic constipation in children; good results of biofeedback training as supplementary therapy. *Ned Tijdschr Geneesk*. 1993;137(14):725-7. Dutch.
- JAJM Taminiau, HHF Derkx, A Dral, VN van der Meer. De betekenis van voeding tijdens de

- behandeling van kinderen met kanker. In: Kinderen met kanker. Uitg. Boon, Amsterdam 1993
- Taminiau JAJM, van Boxtel CJ: Pharmacotherapie bij kinderen. Caput selecta. Ned Tijdschr Tandheelk, 1993
- Taminiau JAJM. Polyps and tumors of the gastrointestinal tract. 403-415 in management of digestive and liver disorder in infants and children editors, Buts JP, Sokal EM. Elsevier 1993
- Benninga MA, vdr Hoeven CW, Wijers OB, Büller HA, Tytgat GN, Akkermans LM, Teeuw AH, de Leeuw R, Taminiau JA. Cholestasis associated with total parenteral feeding in premature infants. Tijdschr Kindergeneesk. 1993;61(4):147-51. Dutch.
- Derckx B, Taminiau J, Radema S, Stronkhorst A, Wortel C, Tytgat G, van Deventer S. Tumour-necrosis-factor antibody treatment in Crohn's disease. Lancet. 1993;342(8864):173-4. No abstract available.
- Benninga MA, vd Plas RN, Gielissen ASG, Büller HA, Overweg-Plandsoen WCG, Taminiau JAJM (Amsterdam). Biofeedback training bij kinderen met Spina Bifida en feacale incontinentie? Samenwerkende Spina Bifida Werkgroepen 1993AZU Ned Tijdschr Geneesk 1993 in press
- Benninga MA, Taminiau JAJM. Hoe vaak? Ned Tijdschr Geneesk 1993;137:1941-2
- 1994 Benninga MA, Wijers OB, van der Hoeven CW, Taminiau JA, Klopper PJ, Tytgat GN, Akkermans LM. Manometry, profilometry, and endosonography: normal physiology and anatomy of the anal canal in healthy children. J Pediatr Gastroenterol & Nutr 1994;18(1):68-77
- Desjeux JF, Nath SK, Taminiau J. Organic substrate and electrolyte solutions for oral rehydration in diarrhea. Ann Rev Nutr 1994;14:321-42. Review. No abstract available.
- Benbouabdellah M, Taminiau J, Zijlstra W, Boudraa G, Touhami M. Estimation de la déshydratation au cause de la diarrhée aiguë à l'aide du rapport K/Na urinaire. Corrélations avec le poids et l'eau totale corporels. Alimentation Génétique et santé de l'enfant. Desjeux JF et Touhami M. Editions L'Harmattan Paris 1994:175-180
- Benninga MA, van der Hoeven CW, Wijers OB, Büller HA, Tytgat GN, Akkermans LM, Taminiau JA. Treatment of faecal incontinence in a child with sacral agenesis: the use of biofeedback training. Dev Med Child Neurol 1994;36(6):518-27
- Westra SJ, Derckx HH, Taminiau JA. Symptomatic gastroesophageal reflux: diagnosis with ultrasound. J Pediatr Gastroenterol & Nutr. 1994;19(1):58-64
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- Derckx HH, Huibregtse K, Taminiau JA. The role of endoscopic retrograde cholangiopancreato-graphy in cholestatic infants. Endoscopy 1994;26(9):724-8
- Benninga MA, Van der Plas RN, Gielissen ASG, Büller HA, Overweg-Plandsoen WCG, Taminiau JAJM. Biofeedback-training bij kinderen met spina bifida en faecale incontinentie? Ned Tijdschr Geneesk 1994;138:383-384
- Taminiau JAJM. Het obese kind; het balanceren tussen honger en verzadiging. Balanceren tussen Honger en Verzadiging; Voeding en Gezondheid. Stichting Voeding Nederland. Stasse-Wolthuis M. en Dusseldorp M. van. Bohn Stafleu van Loghum, Houten/Zaventem 1994:57-64
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- Desjeux J, Nath S, Taminiau J. Organic substrate and electrolyte solutions for oral rehydration in diarrhea. Ann Rev Nutr 1994;14:321-42
- Taminiau J, Derckx B, Huibregtse K. Wirsungographie, cholangiopancreatographie, retrograde endoscopy. Acta endoscopica 1994;24(4):427-35
- 1995 Bijlsma PB, Peeters RA, Groot JA, Dekker PR, Taminiau JA, Van Der Meer R. Differential in vivo and in vitro intestinal permeability to lactulose and mannitol in animals and humans: a hypothesis. Gastroenterology. 1995;108(3):687-96
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- Bijlsma PB, Kiliaan AJ, Scholten G, Heyman M. Groot JA, Taminiau JAJM, Carbachol but not forskolin can increase mucosal to serosal transport of intact protein in rat ileum in vitro. Am J Phys 1995 (in review)
- Schreuder HWR, Visser DM, Zuithoff JGM, Schutgens RBH, Griffioen RW, Nierop van JC, Taminiau JAJM, Berends F. De zweettest bij cystic fibrosis: een vergelijking tussen de klassieke Gibson-Cooke

- methode en de Macroduct conductivity analyser. Tijdschr Kindergeneeskunde 1995;63(4):157-161
- Taminiau JA, Ben Bou Abdellah M, Touhami M, Zijlstra W, Desjeux JF. Total body water alterations measures by deuterium oxide equal changes in urinary K/Na ratio in gastroenteritis. (in preparation)
- Benninga MA, Büller HA, Staalman CR, Gubler FM, Bossuyt PM, van der Plas RN, Taminiau JA. Defaecation disorders in children, colonic transit time versus the Barr-score. Eur J Pediatr 1995;154(4):277-84
- Kroon AA, Ramaker C, Keessen M, Derkx HH, Büller HA, Taminiau JA. Terminal ileitis in childhood: Crohn disease or gastrointestinal tuberculosis? Ned Tijdschr Geneesk. 1995;139(40):2017-20. Dutch. No abstract available.
- 1996 Taminiau JA, Delemarre HA. How do we treat patients with inflammatory bowel disease in adolescence? Neth J Med 1996;48(2):57-9. Review. No abstract available.
- Bijlsma PB, Kiliaan AJ, Scholten G, Heyman M, Groot JA, Taminiau JA. Carbachol, but not forskolin, increases mucosal-to-serosal transport of intact protein in rat ileum in vitro. Am J Physiol 1996;271(1 Pt 1):G147-55
- van der Plas RN, Benninga MA, Büller HA, Bossuyt PM, Akkermans LM, Redekop WK, Taminiau JA. Biofeedback training in treatment of childhood constipation: a randomised controlled study. Lancet 1996;348(9030):776-80
- Taminiau JA. Celiac disease. Curr Opin Pediatr 1996;8(5):483-6. Review.
- Benninga MA, Büller HA, Tytgat GN, Akkermans LM, Bossuyt PM, Taminiau JA. Colonic transit time in constipated children: does pediatric slow-transit constipation exist? J Pediatr Gastroenterol & Nutr 1996;23(3):241-51
- Mooren GC, van der Plas RN, Bossuyt PM, Taminiau JA, Büller HA. The relationship between intake of dietary fiber and chronic constipation in children. Ned Tijdschr Geneesk. 1996;140(41):2036-9. Dutch.
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- 1997 van der Plas RN, Benninga MA, Redekop WK, Taminiau JA, Büller HA. How accurate is the recall of bowel habits in children with defaecation disorders? Eur J Pediatr 1997;156(3):178-81
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- van der Plas RN, Benninga MA, Taminiau JA, Büller HA. Treatment of defaecation problems in children: the role of education, demystification and toilet training. Eur J Pediatr 1997;156(9):689-92
- Taminiau JA. Gastro-oesophageal reflux in children. Scand J Gastroenterol Suppl. 1997;223:18-20
- 1998 Van Beers EH, Einerhand AW, Taminiau JA, Heymans HS, Dekker J, Büller HA. Pediatric duodenal biopsies: mucosal morphology and glycohydrolase expression do not change along the duodenum. J Pediatr Gastroenterol & Nutr 1998;26(2):186-93
- Van Beers EH, Rings EH, Posthuma G, Dingemans MA, Taminiau JA, Heymans HS, Einerhand AW, Büller HA, Dekker J. Intestinal carbamoyl phosphate synthase I in human and rat. Expression during development shows species differences and mosaic expression in duodenum of both species. J Histochem Cytochem 1998;46(2):231-40
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- Regulation of lactase and sucrase-isomaltase gene expression in the duodenum during childhood. *J Pediatr Gastroenterol Nutr* 1998;27(1):37-46
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- van der Plas RN, Benninga MA, Staalman CR, Akkermans LM, Redekop WK, Taminiau JA, Büller HA. Megarectum in constipation. *Arch Dis Child* 2000;83(1):52-8
- Wesdorp I, Bosman D, de Graaff A, Aronson D, van der Blij F, Taminiau J. Clinical presentations and predisposing factors of cholelithiasis and sludge in children. *J Pediatr Gastroenterol Nutr* 2000;31(4):411-7. [Record as supplied by publisher]
- Verburg M, Renes IB, Meijer HP, Taminiau JA, Büller HA, Einerhand AW, Dekker J. Selective sparing of goblet cells and paneth cells in the intestine of methotrexate-treated rats. *Am J Physiol Gastrointest Liver Physiol* 2000;279(5):G1037-47. [Record as supplied by publisher]
- van Ginkel R, Benninga MA, Blommaart PJ, Van Der Plas RN, Boeckxstaens GE, Büller HA, Taminiau JA. Lack of benefit of laxatives as adjunctive therapy for functional nonretentive fecal soiling in children. *J Pediatr* 2000;137(6):808-13. [Record as supplied by publisher]
- Benninga MA, Taminiau JA. Chronische obstipatie op de kindereleeftijd. *Modern Medicine* 2000;10:940-948
- Bijlsma PB, Kiliaan AJ, Scholten G, van der WA, Heyman M, Heymans HSA, Groot JA & Taminiau JAJM. Increased paracellular macromolecular transport and subnormal glucose uptake in duodenal biopsies of patients with microvillus inclusion disease: Comparisons to other chronic diarrhea patients and to nondiarrhea patients. *Annals of the New York Academy of Sciences* 2000;915:267-9
- Bijlsma PB, Kiliaan AJ, Scholten G, Van der Wal A, Heyman M, Heymans HSA, Groot JA & Taminiau JAJM. Increased paracellular macromolecular transport and subnormal glucose uptake in duodenal biopsies of patients with microvillus inclusion disease - Comparisons to other chronic diarrhea patients and to nondiarrhea patients. *Epithelial Transport and Barrier Function* 2000;915:267-269
- 2001 Benninga MA & Taminiau JA Diagnosis and treatment efficacy of functional non-retentive fecal soiling in childhood. *J Pediatr Gastroenterol Nutr* 2001;32(1):S42-S43
- van Doorn OJ, Bosman DK, van 't Hoff BW, Taminiau JAJM, ten Kate FJ, van der Ende A. Helicobacter pylori specific antigen faeces test, a reliable non-invasive test for the diagnosis of a Helicobacter pylori infection in children. *European Journal of Gastroenterology and Hepatology* 2001;13:1061-1065
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- Mathus-Vliegen E.M., Koning H., Taminiau J.A. & Moorman-Voestermans C.G. Percutaneous endoscopic gastrostomy and gastrojejunostomy in psychomotor retarded subjects: a follow-up covering 106 patient years. *J Pediatr Gastroenterol Nutr* 2001;33:488-494
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- Bijlsma PB, Fihn B-M, Sjoqvist A, Groot JA, Taminiau JAJM & Jodal M. Water absorption enhances the uptake of mannitol and decreases Cr-EDTA/mannitol permeability ratios in cat small intestine in situ. *Scandinavian Journal of Gastroenterology* 2002;37:799-806
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Projects

Memberships

1986 - 1994 Member of the board of the Dutch Gastro-enterology Society.

1987- 2007 November 1, Chief department of pediatric gastro-enterology, Emma Children's hospital, Academic Medical Centre, Amsterdam, The Netherlands.

1988- 2007 Member of the Medical Examination Board.

1988- Member of the European Society for Pediatric Gastroenterology.

1989- 2000 Member of the "Referaten" Committee. Nederlands Tijdschrift voor Geneeskunde.

1990 Organization of the Third Joint Meeting ESPGAN-NASPGN. European Society for Pediatric Gastroenterology and Nutrition - North American Society for Pediatric Gastroenterology and Nutrition.

1986- 2007 Research associate INSERM U-290 Paris. 1988- 1991 Research coordinator Oral Rehydration Study. Oran, Algeria. 1989- 1995 Member committee Total Parenteral Nutrition. Dutch Society for Pediatrics. 1990 Member Workinggroup Oral Rehydration Solutions for European Children. ESPGAN European Society for Pediatric Gastroenterologie and Nutrition (ESPGHAN). 1990- 2000 Member PAOG committee, department of pediatrics. Academisch Medisch Centrum Amsterdam. 1990- 2003 Member committee pediatric education board. Dutch Society for Pediatrics. 1990- 2007 Member committee enteral nutrition. Academic Medical Center, Amsterdam. 1990- 2007 Member board pediatric faculty. Academic Medical Center, Amsterdam. 1990-1994 Vice-President Dutch Pediatric Gastroenterology Society. 1991-1994 Council Member of the European Society of pediatric gastroenterology and Nutrition (ESPGHAN). 1991-2005 Editorial board for clinical education, Academic Medical Center 1991-1994 Member of Jury Wander Dietition Price. 1992-1998 Head Organisation Bi-annual three days Nutritional training course for pediatricians. 1992-1999 Selected summaries editor Journal of Pediatric Gastroenterology and Nutrition 1992-1994 Member of board of Medical Staff AMC 1993-2007 Chairman examination committee for clinical education AMC Member of teaching board of the Medical Faculty, University of Amsterdam 2000-2003 Secretary of European Society for Pediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN). 2003-2007 Representative at European Medicines Evaluation Agency (EMA) PEG Committee for ESPGHAN. 2003-2007 Representative public affairs committee United European Gastroenterology Federation (UEGW) for ESPGHAN. 2006- Consultant South African Pediatric Gastroenterology, Hepatology and Nutrition society, development of fellowship training program.

2007-2013 Pediatric Committee at European Medicines Agency (London, UK), Dutch representative.

2007-2011 Clinical Consultant Queen Paola Pediatric Hospital Antwerp, Belgium.

2011- Clinical consultant Department of Pediatrics University Hospital Antwerp Belgium

2009-2016 Reregistered for 5 years as Clinical pediatrician the Netherlands

2009-2014 Reregistered for 5 years as Clinical pediatrician Belgium.

2012-2017 Reregistered for 5 years as Pediatric Gastroenterologist, Hepatologist and Nutritionist.

2009- Member Pediatric and Geriatric Scientific Committee Zon-MW (Dutch Government Science Foundation).

2012-2014 EMA GI Drafting group.

2014- EMA GI Drafting group observer.

2012- EMA Modeling and Simulation Working group.

2012- EMA representative at Rome Foundation for Rome IV.

Other Relevant Information