

PERSONAL INFORMATION

Viviane De Maertelaer

WORK EXPERIENCE

September 1968–January 1969

Physicist

European Communities (Belgium)
Research

January 1969–October 1969

teacher

Belgian government (Belgium)

October 1969–Present

Professor

University of Brussels (Belgium)
Teaching + research + clinical trials consultant

January 2013–Present

CEO

VM-AN Consulting snc (Belgium)
Bio-statistical studies

EDUCATION AND TRAINING

September 1964–June 1978

PhD

University of Brussels (Belgium)
Physics, Biostatistics, Radiobiology

ADDITIONAL INFORMATION

Expertise

Biostatistician
Expertise in teaching and in Clinical trials data designs and analyses

Publications

- Two books published in collaboration.
- 201 articles in international scientific journals with editorial board.
- Many other articles and conferences.

Publications**I. Books in collaboration**

DE MAERTELAER V.

Cell loss from germinative populations.

In : "Developments in Cell Biology, vol 2 - Biomathematics and Cell Kinetics", ed by AJ Valleron and PDM Mac Donald. Elsevier/North Holland Biomedical Press - Amsterdam - New York (1978) pp 103-113.

DE MAERTELAER V, HEENEN M, GALAND P.

A mathematical model for the evolution of a psoriatic lesion. in "Psoriasis : cell proliferation". Ed by NA Wright, RS Cample John. Churchill Livingstone Edinburgh. London, Melbourne and New York, (1983)

II. Articles in international scientific journals with editorial board.

1. DE MAERTELAER, V. CANTRAINE F.

Solutions and modeling for linear differential systems with constant coefficients.
Computer Programs in Biomedicine 2 (1971) 51-60.

2. KLASTERSKY J, SWINGS G, VANDENBORRE L, WEERTS D, DE MAERTELAER, V.

Effectiveness of the carbenicillin/cephalothin combination against Gram negative bacilli.
Amer J Med Sci 265, 1 (1973) 45-53.

3. KLASTERSKY J, DANEAU D, DE MAERTELAER V.

Comparative study of tobramycin and gentamicin with special reference to their anti-pseudomonas activity.

Clin Pharmacol Ther, 14 (1973) 104-111.

4. SAND G, FRUHLING J, PLATTEN-GODFROID C.

Contribution à l'étude de l'ultrastructure de la corticosurrénale de cobaye. J. de Microscopie 17 (1973) 283-298.

Annexe : DE MAERTELAER, V : Méthode de calcul du volume de la surrénale de cobaye.

5. DE MAERTELAER V, GALAND P.

Cell kinetics : unpredicted behavior of a "Go" - model of the mitotic cycle.

IRCS 2 (1974) 1292.

6. DE MAERTELAER V, GALAND P.

Some properties of a "Go" - model of the cell cycle.

I. Investigation on the possible existence of natural constraints on the theoretical model in steady-state conditions.

Cell and Tissue Kinetics 8 (1975) 11-22.

7. BIANCHI C, CANTRAINE F, DE MAERTELAER V, COLI A, PALLA R, FABRINI GC.

Reappraisal of serum creatinine as an index of the glomerular filtration rate (measured by external counting).

The J of Nuclear Biology and Medicine 20 (1976) 126-131.

8. DE MAERTELAER V, GALAND P.

Some properties of "Go" - model of the cell cycle. II. Natural constraints on the theoretical model in exponential growth conditions.

Cell and Tissue Kinetics 10 (1977) 35-42.

9. DE MAERTELAER V, GALAND P.

Stimulated cell kinetics. Susceptibility for induced differentiation as a function of cell age. IRCS 5 (1977) 127.

10. DE MAERTELAER V, GALAND P.

Cell kinetics : a model of stimulated populations.

J Theoretical Biology 69 (1977) 429-445.

11. BLEIBERG H, ROZENCWEIG M, LONGEVAL E, FRUHLING J,

DE MAERTELAER V.

Detection of liver metastases : usefulness of peritoneoscopy as complement of liver function tests and liver scintigraphy in 240 cases of cancer.

Surg Gynec Obst 145 (1977) 821 - 825.

12. DE MAERTELAER V.

Cell loss from germinative populations.

In : "Developments in Cell Biology, vol 2 - Biomathematics and Cell Kinetics", ed by AJ Valleron and PDM Mac Donald. Elsevier/North Holland Biomedical Press - Amsterdam - New York (1978) pp 103-113.

13.DE MAERTELAER V.

Heterogeneity of transit times in the G1-phase of the mitotic cycle during embryonic development .
IRCS 6 (1978) 445.

14.HEENEN M, DE MAERTELAER V, GALAND P.

Psoriasis and cell cycle, a computer simulation.

Acta Dermatovener (Stockholm) suppl 87 (1979) 73-76.

15.LEJEUNE B, DE MAERTELAER V, LEROY C, DELCROIX C.

Analysis of epithelial mitosis distribution along uterine horns in mice.

Cell and Tissue Kinetics 13 (1980) 201.

16.DORCHY H, MOZIN MJ, DE MAERTELAER V, TOUSSAINT D, LOEB H

Relations entre ingesta lipidiques (cholestérol, graisses saturées et polyinsaturées), cholestérolémie, contrôle métabolique (HbA) et rétinopathie des enfants diabétiques.

La Revue de Pédiatrie 17 (1981) 259-269.

17.DE MAERTELAER V, AUTHELET M, NEVE P.

Effect of aging on the proliferative activity of renewing cell populations after a specific stimulus. IRCS Med Sci 9 (1981) 548-549.

18.DE MAERTELAER V, AUTHELET M, NEVE P.

Effect of aging on the proliferative activity of the vaginal epithelial germinative cells as a response to oestrogenic stimulation.

Cell Tissue Kinetics 15 (1982) 101.

19.DE MAERTELAER V, BRAMBILLA E, MENDELSON J, NAAKTGEBOREN J, BERNHEIM J.

Rate of DNA synthesis as a function of cell age DNA content from combined microspectrofluorometric and autoradiographic data.

Cell Tissue Kinetics 15 (1982) 101-102.

20.BROHEE D, RONDELEZ L, BAIN H, DE MAERTELAER V.

Kidney Ageing and Renal Excretion of Amylase.

Gerontology 28 (1982) 386-391.

21.SCHOLLER Y, DE MAERTELAER V, MALAISSE W J.

Mathematical modelling of stimulus secretion coupling in the pancreatic B cell. I. Dynamics of insulin release.

Acta Diabetologica Latina, 20 (1983) 329-340.

22.DE MAERTELAER V, POTTIER D.

Cell populations need an internal regulatory mechanism to recover their initial steady state after a transient hormone-like modulation.

IRCS Journal of Medical Science, 11 (1983) 871-873.

23.SCHOLLER Y, DE MAERTELAER V, MALAISSE W J.

Mathematical modelling of stimulus-secretion coupling in the pancreatic β -cell. III. Glucose-induced inhibition of calcium efflux.

Biophys J 46 (1984) 439-446.

24.POORTMANS J, DORCHY H, DE MAERTELAER V.

Subclinical Proteinuria in type I Diabetic Children and Adolescents : Relationship to Duration of Diabetes, Metabolic Control, HLA-DR Type, Retinopathy and Neuropathy.

Diabetic Nephropathy 3 (1984) 123-126.

25.DORCHY H, NOEL P, KRUGER M, DE MAERTELAER V, DUPONT E, TOUSSAINT D, PELC S.

Peroneal motor nerve conduction velocity in diabetic children and adolescents. Relationship to metabolic control, HLA-DR types, retinopathy and EEG.

Eur J Pediatrics 144 (1985) 310-315.

26.SCHOLLER Y, DE MAERTELAER V, MALAISSE W J.

- Mathematical modelling of stimulus-secretion coupling in the pancreatic β -cell. II. Calcium-stimulated calcium release.
Comput Programs Biomed 19 (1985) 119-126.
27. DE MAERTELAER V, POTTIER D. Stability conditions of cell populations in vivo. J Theor Biol 113 (1985) 299-310.
28. UNGER J, DE MAERTELAER V, GOLSTEIN J, DECOSTER C, JONCKHEER M H. Relationship between serum thyroglobulin and intrathyroidal stable iodine in human simple goiter. Clin Endocrinol 23 (1985) 1-6.
29. DEVIERE J, KENNES B, CLOSSET J D, DE MAERTELAER V, NEVE P. Immune senescence : effect of age, sex and health on human blood mononuclear subpopulations. Arch Gerontol Geriatr 4 (1985) 285-293.
30. LINKOWSKI P, DE MAERTELAER V, MENDLEWICZ J. Suicidal behaviour in major depressive illness. Acta psychiat Scand 72 (1985) 233-238.
31. KERKHOF M, HOFFMAN G, DE MAERTELAER V, LINKOWSKI P, MENDLEWICZ J. Sleep EEG Recordings in Depressive Disorders. J Affect Disorders 9 (1985) 47-53.
32. MALAISSE W J, SCHOLLER Y, DE MAERTELAER V. Mathematical modelling of stimulus-secretion coupling in the pancreatic B-cell. IV. Dissociated time course for the glucose-induced changes in distinct Ca^{2+} movements. Diabetes Res 2 (1985) 195-199.
33. BROHEE D, DE MAERTELAER V, PIRO P, KENNES B, NEVE P. Specific Effect of Age on Lectin-Induced Mitogenesis of Lymphocytes from Diseased Patients. Gerontology 32 (1986) 74-80.
34. DORCHY H, NOEL P, KRUGER M, DE MAERTELAER V, DUPONT E, TOUSSAINT D, PELC S. Peroneal Motor Nerve Conduction Velocity in Diabetic Children and adolescence. Relationships to Metabolic Control, HLA-DR Antigens, Retinopathy, and Electroencephalogram. Pediatr Adolesc Endocrinol 15 (1986) 252-261.
35. DORCHY H, POORTMANS J, DE MAERTELAER V. Protéinurie subclinique chez les enfants et les adolescents diabétiques. Absence de relation avec les antigènes HLA-DR, la rétinopathie et la neuropathie débutantes. Diabète et Métabolisme 12 (1986) 97.
36. KENNES B, DEVIERE J, BROHEE D, DE MAERTELAER V, NEVE P. The effect of age, sex and health status on the distribution and functions of human blood mononuclear subpopulations. Modern trends in ageing research 147 (1986) 231-234.
37. LINKOWSKI P, CASTRO P, DE MAERTELAER V, MENDLEWICZ J. TSH Response to TRH : a multivariate study. Biol Psychiatry 7 (1986) 767-769.
38. BROHEE D, DE MAERTELAER V, PIRO P, KENNES B, NEVE P. Age -specific effect on lectin-mitogenesis by lymphocytes from diseased patients. Cytobios 45 (1986) 139-146.
39. MEUNIER-CARPENTIER F, VAN DER AUWERA P, SCHMITT H, DE MAERTELAER V, KLASTERSLY J. Pharmacokinetic of gentamicin after IV infusion or IV bolus. J Antimicrobial Chemotherapy 19 (1987) 225-231.
40. JEANTY P, COUSSAERT E, DE MAERTELAER V, CANTRAIN F. Sonographic detection of smoking-related decreased fetal growth.

J. Ultrasound Med 6 (1987) 13-19.

41.DE MAERTELAER V, JACQUY J.

Multivariate analysis of the effect of climatic factors on the probability of cerebral infarction according to age.

Acta Neurol Scand 75 (1987) 56-61.

42.DE MAERTELAER V, CALAY R, NEVE P.

Thyroid, Lipid and Other Biological Variables in Elderly Patients with Asymptomatic Autoimmune

Thyroiditis : A Statistical Analysis.

Gerontology 33 (1987) 315-326.

43.FERY F, DE MAERTELAER V, BALASSE E O.

Mechanism of the hyperketonaemic effect of prolonged exercise in insulin - deprived Type 1 (insulin - dependent) diabetic patients.

Diabetologia 30 (1987) 298-304.

44.DE MAERTELAER V, HOFFMAN G, LEMAIRE M, MENDLEWICZ J.

Sleep Spindle Activity Changes in Patients With Affective Disorders.

Sleep 10 (1987) 443-451.

45.DEVIERE J, BROHEE D, KENNES B, DE MAERTELAER V, NEVE P,

Effect of age, sex and health state on human lymphocyte functions : demonstration of a sex-related defect in suppressor cell function.

Arch Gerontol Geriatr 6 (1987) 163-175.

46.HEENEN M, GALAND P, DE MAERTELAER V, HEENEN PH

Psoriasis: hyperproliferation cannot induce characteristic epidermal morphology.

Cell Tissue Kinet 20 (1987) 561-570.

47.KERKHOFS M, KEMPENAERS C, LINKOWSKI P, DE MAERTELAER V, MENDLEWICZ J,

Multivariate study of sleep EEG in depression.

Acta Psychiatr Scand 77 (1988) 463-468.

48.LINKOWSKI P, DE MAERTELAER V, DELARBRE C, PAPADIMITRIOU G, MENDLEWICZ J.

Familial factors in suicidal behavior.

Int J Family Psychiatry. (Int Universities Press, Inc, Madison, CT) 9 (1989) 123-133.

49.DORCHY H, DE SCHEPPER J, HAENTJENS M, DE MAERTELAER V,

VEROUGSTRAETE C, LOEB H

The course of incipient diabetic retinopathy in youth as revealed by fluorescein angiography.

Pediatr Adolesc Endocrinol 18 (1989) 101-106.

50.GILLES C, RYCKAERT P, DE MOL J, DE MAERTELAERE V, MENDLEWICZ, J.

Clonidine-induced growth hormone secretion in elderly. Patients with senile dementia of the Alzheimer type and major depressive disorder.

Psychiatry Res 27 (1989) 277-286.

51.MENDLEWICZ J, SEVY S, DE MAERTELAER V.

REM Sleep Latency and Morbidity Risk of Affective Disorders in Depressive Illness.

Neuropsychobiology 22 (1989) 14-17.

52.MENDLEWICZ J, HIRSCH D, SEVY S, SURMONT D, PAPADIMITRIOU G, DE MAERTELAER V.

Alpha-2-Adrenoreceptor binding as a possible vulnerability marker for affective disorders.

Neuropsychobiology 22 (1989) 61-67.

53.DE MAERTELAER V, AUTHELET M, NEVE P.

Age-related cell cycle kinetics in the stimulated mouse vaginal epithelium.

Mech Age Dev 51 (1990) 73-80.

54.DELVENNE V, DELECLUSE F, HUBAIN Ph, SCHOUTENS A, DE MAERTELAER V,

MENDLEWICZ J.

Regional cerebral blood flow in patients with affective disorders.
Brit J Psychiatry 157 (1990) 359-365.

55.HUBAIN PP, CASTRO P, MESTERS P, DE MAERTELAER V, MENDLEWICZ J.

Alprazolam and amitriptyline in the treatment of major depressive disorder : a double-blind clinical and sleep EEG study.

J Affect Disorders 18 (1990) 67-73.

56.KERKHOF M, RIELAERT C, DE MAERTELAER V, LINKOWSKI P, CZARKA M, MENDLEWICZ J.

Fluoxetine in major depression : efficacy, safety and effects on sleep polygraphic variables.
Int Clin Psychopharmacology 4 (1990) 253-260.

57.SCHOUTENS A, LAURENT E, MARKOWICZ E, LISART J, DE MAERTELAER V.

Serum triiodothyronine, bone turnover, and bone mass changes in euthyroid pre- and postmenopausal women.

Calcified Tissue Int 49 (1991) 95-100.

58.APPELBOOM T, DE MAERTELAER V, DE PREZ E, HAUZEUR J-P, DESCHODT-LANCKMAN M.

Enkephalinase : a physiologic neuroimmunomodulator detected in the synovial fluid.
Arthritis Rheum (1991) 1048-1051.

59.MENDLEWICZ J, KEMPENAERS C, DE MAERTELAER V.

Sleep EEG and Amitriptyline Treatment in Depressed Inpatients.
Biol Psychiatry 30 (1991) 691-702.

60.DEMEESTER-MIRKINE N, HOOGHE L, VAN GEERTRUYDEN J, DE MAERTELAER V.

Hypocalcemia after thyroidectomy.
Arch Surg 127 (1992) 854-858.

61.DONNER C, DE MAERTELAER V, RODESCH F.

Multifetal pregnancy reduction : comparison of obstetrical results with spontaneous twin gestation. Eur J Obstet Gynecol Reprod Biol 44 (1992) 181-184.

62.CARLIER Y, RIVERA MT, TRUYENS C, ONTIVERO M, FLAMENT J, VAN MARCK E, DE MAERTELAER V.

Chaga's disease : decreased resistance to Trypanosoma Cruzi acquired infection in offspring of infected mice.
Am J Trop Med Hyg 46 (1992) 116-122.

63.LINKOWSKI P, MARTIN F, DE MAERTELAER V.

Effect of some climatic factors on violent and non-violent suicides in Belgium.
J Affect Disorders 25 (1992) 161-166.

64.GALAND P, DE MAERTELAER V.

Models of Oestrogen Action : A Cell Kineticist's View.
Epith Cell Biol 1 (1992) 177-188.

65.HAUZEUR JP, SINTZOFF S, APPELBOOM T, DE MAERTELAER V, BENTIN J, PASTEELS J L.

Relationship between magnetic resonance imaging and histologic findings by bone biopsy in nontraumatic osteonecrosis of the femoral head.
J Rheumatol 19 (1992) 385-92.

66 Biver F, Delvenne V, Goldman S, Luxen A, De Maertelaer V, Lotstra F, Mendlewicz J.

No hypofrontality in schizophrenia demonstrated by positron emission tomography
Acta Psychiatr Belg. 1992 Sep-Oct;92(5):261-78

66.KEMPENAERS CH, SIMENON G, VANDER ELST M, FRANSOLETT L, MINGARD P, DE MAERTELAER V, APPELBOOM TH, MENDLEWICZ J.

Effect of an Antidiencephalon immune serum on pain and sleep in primary fibromyalgia.
Neuropsychobiology 30 (1994) 66-72.

67.BIVER F, GOLDMAN S, DELVENNE V, LUXEN A, DE MAERTELAER V, HUBAIN P, MENDLEWICZ J, LOTSTRA F

Frontal and Parietal Metabolic Disturbances in Unipolar Depression.

Biol Psychiatry 36 (1994) 381-388.

68.DELVENNE V, LOTSTRA F, GOLDMAN S, BIVER F, DE MAERTELAER V, APPELBOOM-FONDU J, SCHOUTENS A, BIDAUT L-M, LUXEN A, MENDLEWICZ J

Brain Hypometabolism of Glucose in Anorexia Nervosa : A pet Scan Study.

Biol Psychiatry 37 (1995) 161-169.

69.DONNER C, VERMEYLEN D, KIRPATRICK C, DE MAERTELAER V, RODESCH F
Management of the Growth-Restricted Fetus : The Role of Noninvasive tests and Fetal Blood Sampling.

Obstet Gynecol 85 (1995) 965-970.

70.GEVENOIS P A, ZANEN J, DE MAERTELAER V, DE VUYST P, DUMORTIER P, YERNAULT J-C.

Macroscopic assessment of pulmonary emphysema by image analysis.

J Clin Pathol 48 (1995) 318-322.

71.BIVER F, GOLDMAN S, LUXEN a, DELVENNE, V, DE MAERTELAER V, DE LA FUENTE J, MENDLEWICZ J, LOTSTRA F.

Altered frontostriatal relationship in unmedicated schizophrenic patients.

Psychiatry Res (Neuroimaging) 61 (1995) 161-171.

72.GEVENOIS P A, DE MAERTELAER V, DE VUYST P, ZANEN J, YERNAULT J-C

Comparison of computed density and macroscopic morphometry in pulmonary emphysema.

Am J Respir Crit Care Med (formely Am Rev Respir Dis) 152 (1995) 653-657.

73.NOSEDA A, SCHMERBER J, PRIGOGINE T, DE MAERTELAER V, YERNAULT J-C

Perception of dispnoea during acute changes in lung function in patients with either asthma or COPD

Respiratory Medicine 89 (1995) 477-485.

74.AVNI E F, CASSART M, DE MAERTELAER V, RYPENS F, VERMEYLEN D, GEVENOIS P A.

Sonographic prediction of chronic lung disease in the premature undergoing mechanical ventilation.

Pediatric Radiol 26 (1996) 463-469.

75.BIVER F, GOLDMAN S, DE MAERTELAER V, LUXEN A, MENDLEWICZ J, LOTSTRA F.

Interregional correlation of cerebral glucose metabolism in unmedicated schizophrenia.

Eur. Neuropsychol 6 (1996) 141-147.

76.DELBAERE A, BERGMANN P J M, GERVY-DECOSTER C, DESCHODT-LANCKMAN M, DE MAERTELAER V, ENGLERT Y

Periovulatory elevation of Angiotensine II in the peritoneal fluid during the human menstrual cycle.

J Clin Endocrinol Metab. 81 (1996) 2810-2815.

77.DELVENNE V, GOLDMAN S, DE MAERTELAER V, SIMON Y, LUXEN A, LOTSTRA F.

Brain hypometabolism of glucose in Anorexia Nervosa : normalization after weight gain. Biol

Psychiatry 40 (1996) 761-768.

78.GEVENOIS P A, DE VUYST P, DE MAERTELAER V, ZANEN J, JACOBOWITZ D, COSIO MG, YERNAULT J-C.

Comparison of computed density and microscopic morphometry in pulmonary emphysema

Am J Respir Crit Care Med (formely Am Rev Respir Dis) 154 (1996) 187-192.

79.MARQUES DE ARAUJO S, RIVERA M T, EL BOUHDIDI A, DE MAERTELAER V, CARLIER Y.

Maternal Trypanosoma Cruzi Specific antibodies and worsening of acute infection in mice offspring.

Am J Trop Med Hyg 54 (1996) 13-17.

80.GEVENOIS P A, SCILLIA P, DE MAERTELAER V, MICHILS A, DE VUYST P, YERNAULT J-C

The effects of age, sex, lung size and hyperinflation on CT lung densitometry

Am J Roentgenology 167 (1996) 1169-1173.

81.GEVENOIS P A, DE VUYST P, SY M, SCILLIA P, CHAMINADE L, DE MAERTELAER V, ZANEN J, YERNAULT J-C

Pulmonary emphysema : quantitative CT during expiration.

Radiology 199 (1996) 825-829.

82. SOUERY D, LIPP O, MAHIEU B, MENDELBAUM K, DE BRUYN A, DE MAERTELAER V, VAN BROECKHOVEN C, MENDLEWICZ J
Excess Tyrosine hydroxylase restriction Fragment Length polymorphism Homozygosity in Unipolar but not bipolar patients : a preliminary report.
Biol Psychiatry 40 (1996) 305-308.
83. SOUERY D, LIPP O, MAHIEU B, MENDELBAUM K, **DE MAERTELAER V**, VAN BROECKHOVEN C, MENDLEWICZ J
Association study of bipolar disorder with Candidate Genes involved in Catecholamine Neurotransmission : DRD2, DRD3, DAT1 and TH Genes
Amer J of Med Genet (Neuropsych Genetics) 67 (1996) 551-556.
84. MAHIEU B, SOUERY D, LIPP O, MENDELBAUM K, VERHEYEN G, **DE MAERTELAER V**, VAN BROECKHOVEN C, MENDLEWICZ J
No association between bipolar affective disorder and a serotonin receptor (5-HT2A) polymorphism.
Psychiatry Res 70 (1997) 65-69.
85. LIESNARD C, DELFORGE M-L, TCHETCHEROFF M, **DE MAERTELAER V**, FARBER C-M, VANVOOREN J-P
Importance of method in the determination of syncytium - inducing phenotype of human immunodeficiency virus type 1 clinical isolates
J Virol Methods 64 (1997) 137-145.
86. **DE MAERTELAER V**
Méta-analyse dans les essais cliniques.
Best of Respiratory 16 (1997) 3-5.
87. NOSEDA A, CARPIAUX J-P, MARKSTEIN C, MEYVAERT A, **DE MAERTELAER V**.
Disabling dyspnoea in patients with advanced disease : lack of effect of nebulized morphine.
Eur Respir J 10 (1997) 1079-1083.
88. DELVENNE V, GOLDMAN S, SIMON Y, DE MAERTELAER V, LUXEN A, LOTSTRA F.
Brain hypometabolism of glucose in bulimia nervosa.
Int J Eat Disord 21 (1997) 313-320.
89. DELBAERE A, BERGMANN PJM, GERVY-DECOSTER C, DESCHODT-LANCKMAN M, DE MAERTELAER V, STAROUKINE M, CAMUS M, ENGLERT Y.
Increased angiotensin II in ascites during severe ovarian hyperstimulation syndrome : role of early pregnancy and ovarian gonadotrophin stimulation.
Fertil Steril 67 (1997) 1038-1045.
90. DELVENNE V, GOLDMAN S, DE MAERTELAER V, WLIKER D, DAMHAUT P, LOTSTRA F.
Brain-glucose metabolism in anorexia nervosa and affective disorders: influence of weight loss or depressive symptomatology.
Psychiatry Research : Neuroimaging Section 74 (1997) 83-92.
91. DELBAERE A, BERGMANN PJM, GERVY-DECOSTER C, DE MAERTELAER V, CAMUS M, ENGLERT Y.
Prorenin and active renin levels in plasma and ascites during severe ovarian hyperstimulation syndrome.
Human Reprod 12 (1997) 236-240.
92. SOUERY D, LIPP O, SERRETI A, MAHIEU B, RIVELLI SK, CAVALLINI C, ACKENHEIL M, ADOLFSSON R, ASCHAUER H, BLACKWOOD D, DAM H, DELCOIGNE B, DE MAERTELAER V, DIKEOS D, FUCHSHUBER S, HEIDEN M, JABLENSKY A, JAKOVLJEVIC M, KESSING L, LERER B, MACEDO A, MELLERUP T, MILANOVA V, MUIR W, MENDLEWICZ J et al.
European collaborative project on affective disorders: interactions between genetic and psychosocial vulnerability factors.
Psychiatr Genet 8 (1998) 197-205.
93. GEVENOIS PA, DE MAERTELAER V, MADANI A, WINANT C, SERGENT G, DE VUYST P.
Asbestosis, pleural plaques and diffuse pleural thickening : three distinct benign responses to asbestos exposure.
Eur Resp J 11 (1998) 1021-1027.
94. GLINEUR R, VAN SINT JAN S, LOURYAN S, PHILIPPSON C, DE MAERTELAER V, EVRARD L,

ROOZE M.

Effects of Irradiation and Methyl-Triazene on Craniofacial Development in Mouse Embryos : A Semiautomated Morphometric Analysis

Cleft - Palate craniofacial J 35 (1998) 342-350.

95.DUMORTIER P, COPLU L, DE MAERTELAER V, EMRI S, BARIS I, DE VUYST P.

Assessment of Environmental Asbestos Exposure in Turkey by Bronchoalveolar lavage.

Am J Respir Crit Med 158 (1998) 1815-1824.

96.GEVENOIS PA, SERGENT G, DE MAERTELAER V, GOUAT F, YERNAULT J-C, DE VUYST P.

Micronodules and emphysema in coal mine dust or silica exposure : relation with lung function.

Eur Resp J 12 (1998) 1020-1024.

97.DELFORGE ML, FARINE S, LIESNARD C, GULBIS B, DE MAERTELAER V, CLUMECK N, FARBER CM, VAN VOOREN JP

Nutritional status and antiprotease therapy. Letter to the editor.

J of Acquired Imm Deficiency Syndromes and Human Retrovirology 18 (1998) 393-394.

98.DELVENNE V, GOLDMAN S, DE MAERTELAER V, LOTSTRA F

Brain-glucose metabolism in eating disorders assessed by positron emission tomography.

Int J Eat Disord 25 (1999) 29-37.

99.BANKIER AA, FLEISCHMANN D, DE MAERTELAER V, KONTRUS M, ZONTSICH T, HITTMAIRK, MALLEK R

Subjective differentiation of normal and pathological bronchi on thin-section CT: impact of observer training.

Eur Resp J 13 (1999) 781-786.

100.BANKIER A, DE MAERTELAER V, KEYZER C, GEVENOIS PA

Pulmonary emphysema: subjective visual grading versus objective quantification with macroscopic morphometry and thin-section CT densitometry.

Radiology 211 (1999) 851-858.

101.DEVREKER F, POGONICI E, DE MAERTELAER V, REVELARD P, VAN den BERGH M, ENGLERT Y

Selection of good embryos for transfer depends on embryo size: implications for the "mild ovarian stimulation" debate.

Human Reprod 14 (1999) 3002-3008.

102.DAENS S, PERETZ A, DE MAERTELAER V, MORIS M, BERGMANN P

Efficiency of quantitative ultrasound measurements as compared with dualenergy X-ray absorptiometry in the assessment of corticosteroid-induced bone impairment.

Osteoporos Int 10 (1999) 278-283.

103.HAUZEUR JP, MATHY L, DE MAERTELAER V

Comparison between clinical evaluation and ultrasonography in detecting hydrarthrosis of the knee.

J Rheumatol 12 (1999) 2681-2683.

104.PERETZ A, DE MAERTELAER V, MORIS M, WOUTERS M, BERGMANN P

Evaluation of quantitative ultrasound and dual X-ray absorptiometry measurements in women with and without fractures.

J Clin Densitom 2 (1999) 127-133.

2000

105.GALLE C, DE MAERTELAER V, MOTTE S, ZHOU L, STORDEUR P, DELVILLE JP, LI R, FERREIRA J, GOLDMAN M, CAPEL P, WAUTRECHT JC, PRADIER O, DEREUME JP.

Early inflammatory response after elective abdominal aortic aneurysm repair: a comparison between endovascular procedure and conventional surgery.

J Vasc Surg. 2000 Aug;32(2):234-46.

106.PERETZ A, PENALOZA A, MESQUITA M, DRATWA M, VERHAS M, MARTIN P, DE MAERTELAER V, BERGMANN P.

Quantitative ultrasound and dual X-ray absorptiometry measurements of the calcaneus in patients on maintenance hemodialysis.

Bone. 2000 Aug;27(2):287-92.

107. NOSEDA A, DE BRUYNE I, DE MAERTELAER V, YERNAULT JC.
Does an IV bolus of methylprednisolone relieve dyspnea in asthma exacerbations?
Chest. 2000 Dec;118(6):1530-7.

2001

108. MATHIEU F, SUETENS C, BEGAUX F, **DE MAERTELAER V**, HINSENKAMP M.
Effects of physical therapy on patients with Kashin-Beck disease in Tibet.
Int Orthop. 2001;25(3):191-3.

109. HINSENKAMP M, RYPPENS F, BEGAUX F, MATHIEU F, **DE MAERTELAER V**, LEPEIRE M,
HAUBRUGE E, CHASSEUR C, STALLENBERG B.
The anatomical distribution of radiological abnormalities in Kashin-Beck disease in Tibet.
Int Orthop. 2001;25(3):142-6.

110. MATHIEU F, BEGAUX F, SUETENS C, **DE MAERTELAER V**, HINSENKAMP M.
Anthropometry and clinical features of Kashin-Beck disease in central Tibet.
Int Orthop. 2001;25(3):138-41.

111. MICHILS A, REDIVO M, ZEGERS DE BEYL V, **DE MAERTELAER V**, JACOBOWITZ D,
ROCMANS P, DUCHATEAU J.
Increased expression of high but not low molecular weight heat shock proteins in resectable lung carcinoma.
Lung Cancer. 2001 Jul;33(1):59-67.

112. STALLENBERG B, ROMMENS J, LEGRAND C, **DE MAERTELAER V**, METENS T, GEVENOIS P A.
Radiographic diagnosis of rotator cuff tear based on the supraspinatus muscle radiodensity.
Skeletal Radiol. 2001 Jan;30(1):31-8.

113. DUMORTIER P, COPLU L, BROUCKE I, EMRI S, SELCUK T, **DE MAERTELAER V**, DE VUYST P,
BARIS I.
Erionite bodies and fibres in bronchoalveolar lavage fluid (BALF) of residents from Tuzkoy,
Cappadocia, Turkey.
Occup Environ Med. 2001 Apr;58(4):261-6.

114. **DE MAERTELAER V**, LE MOINE O, DEVIERE J.
Letter to the Editor
Gastroenterology 2001; 121(1):233

2002

115. DEVIERE J, PASTORELLI A, LOUIS H, **DE MAERTELAER V**, LEHMAN G, CICALA M, LE
MOINE O, SILVERMAN D, COSTAMAGNA G.
Endoscopic implantation of a biopolymer in the lower esophageal sphincter for gastroesophageal
reflux: A pilot study.
Gastrointest Endosc. 2002 Mar;55(3):335-341.

116. MICHILS A, DUTRY D, DE BEYL VZ, REMMELINK M, **DE MAERTELAER V**, ROCMANS P.
Peripheral Blood Mononuclear Cell Proliferation to Heat Shock Protein-70 Derived from Autologous
Lung Carcinoma.
Am J Respir Crit Care Med. 2002 Sep;166(5):749-753.

117. AVNI FE, SEGERS V, DE MAERTELAER V, CADRANEL S, DASSONVILLE M, DELAET MH,
NICAISE N, METENS T.
The evaluation by magnetic resonance imaging of hepatic periportal fibrosis in infants with neonatal
cholestasis: preliminary report.
J Pediatr Surg. 2002 Aug;37(8):1128-33.

118. AVNI FE, GUISSARD G, HALL M, JANSSEN F, DEMAERTELAER V, RYPPENS F.
Hereditary polycystic kidney diseases in children: changing sonographic patterns through childhood.
Pediatr Radiol. 2002 Mar;32(3):169-74.

119. TEITELBAUM V, BALON-PERIN A, DE MAERTELAER V, DAELEMANS P, GLINEUR R.
Impact of dental and skeletal movements on the facial profile within the framework of orthodontic and
surgical treatments.

Int J Adult Orthodon Orthognath Surg. 2002;17(2):82-8.

120. CHRISTOPHE C, FONTEYNE C, ZIEREISEN F, CHRISTIAENS F, DELTENRE P, DE MAERTELAER V, DAN B.

Value of MR imaging of the brain in children with hypoxic coma.
AJNR Am J Neuroradiol. 2002 Apr;23(4):716-23.

121. NOSEDA A, NOUVELLE M, LANQUART JR, KEMPENAERS CH, DE MAERTELAER V, LINKOWSKI R, KERKHOFS M.

High leg motor activity in sleep apnea hypopnea patients: efficacy of clonazepam combined with nasal CPAP on polysomnographic variables.
Respir Med. 2002 Sep;96(9):693-9.

2003

122. MEWASINGH LD, CHRISTOPHE C, FONTEYNE C, DACHY B, ZIEREISEN F, CHRISTIAENS F, DELTENRE P, DE MAERTELAER V, DAN B.

Predictive value of electrophysiology in children with hypoxic coma.
Pediatr Neurol. 2003 Mar;28(3):178-83.

123. BOON N, DELHAYE M, LE MOINE O, DE MAERTELAER V, DEVIERE J.

Severity of acute gallstone pancreatitis in patients with pancreas divisum.
Endoscopy. 2003 May;35(5):407-10.

124. TACK D, SOURTZIS S, DELPIERRE I, DE MAERTELAER V, GEVENOIS PA.

Low-dose unenhanced multidetector CT of patients with suspected renal colic.
AJR Am J Roentgenol. 2003 Feb;180(2):305-11.

125. DUMORTIER P, THIMPONT J, DE MAERTELAER V, DE VUYST P.

Trends in asbestos body counts in bronchoalveolar lavage fluid over two decades.
Eur Respir J. 2003 Sep;22(3):519-24.

126. TACK D, WIDELEC J, DE MAERTELAER V, BAILLY JM, DELCOUR C, GEVENOIS PA.

Comparison between low-dose and standard-dose multidetector CT in patients with suspected chronic sinusitis.
AJR Am J Roentgenol. 2003 Oct;181(4):939-44.

127. TACK D, DE MAERTELAER V, GEVENOIS PA.

Dose reduction in multidetector CT using attenuation-based online tube current modulation.
AJR Am J Roentgenol. 2003 Aug;181(2):331-4.

128. ABADA HT, SAPOVAL MR, PAUL JF, DE MAERTELAER V, MOUSSEAU E, GAUX JC.

Aneurysmal sizing after endovascular repair in patients with abdominal aortic aneurysm: interobserver variability of various measurement protocols and its clinical relevance.
Eur Radiol. 2003 Dec;13(12):2699-704.

129. BANKIER AA, VAN MUYLEM A, SCILLIA P, DE MAERTELAER V, ESTENNE M, GEVENOIS PA.

Air trapping in heart-lung transplant recipients: variability of anatomic distribution and extent at sequential expiratory thin-section CT.
Radiology. 2003 Dec;229(3):737-42

2004

130. ARVANITAKIS M, DELHAYE M, DE MAERTELAERE V, BALI M, WINANT C, COPPENS E, JEANMART J, ZALCMAN M, VAN GANSBEKE D, DEVIERE J, MATOS C.

Computed tomography and magnetic resonance imaging in the assessment of acute pancreatitis.
Gastroenterology. 2004 Mar;126(3):715-23.

131. ARVANITAKIS M, VAN LAETHEM JL, PARMA J, DE MAERTELAER V, DELHAYE M, DEVIERE J.

Predictive factors for pancreatic cancer in patients with chronic pancreatitis in association with K-ras gene mutation.
Endoscopy. 2004 Jun;36(6):535-42.

132. GANGJI V, HAUZEUR JP, MATOS C, DE MAERTELAER V, TOUNGOUZ M, LAMBERMONT M.

Treatment of osteonecrosis of the femoral head with implantation of autologous bone-marrow cells. A pilot study.

J Bone Joint Surg Am. 2004 Jun;86-A(6):1153-60.

133. KEYZER C, TACK D, DE MAERTELAER V, BOHY P, GEVENOIS PA, VAN GANSBEKE D.
Acute appendicitis: comparison of low-dose and standard-dose unenhanced multi-detector row CT.
Radiology. 2004 Jul;232(1):164-72.

134. DAELEMANS C, SMITS G, DE MAERTELAER V, COSTAGLIOLA S, ENGLERT Y, VASSART G, DELBAERE A.

Prediction of Severity of Symptoms in Iatrogenic Ovarian Hyperstimulation Syndrome by Follicle-Stimulating Hormone Receptor Ser680Asn Polymorphism.
J Clin Endocrinol Metab. 2004 Dec;89(12):6310-5.

135. BANKIER AA, O'DONNELL CR, MAI VM, STOREY P, DE MAERTELAER V, EDELMAN RR, CHEN Q.

Impact of lung volume on MR signal intensity changes of the lung parenchyma.
J Magn Reson Imaging. 2004 Dec;20(6):961-6.

136. CORDONNIER M, DE MAERTELAER V.

Comparison between two hand-held autorefractors : the Sure-Sight and the Retinomax.
Strabismus. 2004 Dec;;12(4) 261-74.

2005

137. CORDONNIER M, DE MAERTELAER V.

Screening for Amblyogenic Factors in Preschool Children with the Retinomax Hand-Held Refractor: Do Positive Children Have Amblyopia and Is Treatment Efficacious ?
Strabismus. 2005 Jan; 13: 1-6.

138. CORBO M, DUJARDIN T, DE MAERTELAER V, MALEVEZ C, GLINEUR R.

Dentocraniofacial Morphology of 21 Patients With Unilateral Cleft Lip and Palate: A Cephalometric Study.
Cleft Palate Craniofac J. 2005 Nov;42(6):618-624.

139. TACK D, BOHY P, PERLOT I, DE MAERTELAER V, ALKEILANI O, SOURTZIS S, GEVENOIS PA.

Suspected acute colon diverticulitis: imaging with low-dose unenhanced multi-detector row CT.
Radiology. 2005 Oct;237(1):189-96. Epub 2005 Aug 26.

140. ARAKAWA H, GEVENOIS PA, SAITO Y, SHIDA H, DE MAERTELAER V, MORIKUBO H, FUJIOKA M.

Silicosis: expiratory thin-section CT assessment of airway obstruction.
Radiology. 2005 Sep;236(3):1059-66.

141. KEYZER C, ZALCMAN M, DE MAERTELAER V, COPPENS E, BALI MA, GEVENOIS PA, VAN GANSBEKE D.

Comparison of US and unenhanced multi-detector row CT in patients suspected of having acute appendicitis.
Radiology. 2005 Aug;236(2):527-34.

142. STAEBLER M, DONNER C, VAN REGEMORTER N, DUPREZ L, DE MAERTELAER V, DEVREKER F, AVNI F.

Should determination of the karyotype be systematic for all malformations detected by obstetrical ultrasound?
Prenat Diagn. 2005 Jul;25(7):567-73.

143. TACK D, DE MAERTELAER V, PETIT W, SCILLIA P, MULLER P, SUESS C, GEVENOIS PA.

Multi-detector row CT pulmonary angiography: comparison of standard-dose and simulated low-dose techniques.
Radiology. 2005 Jul;236(1):318-25.

2006

144. MADANI A, ZANEN J, DE MAERTELAER V, GEVENOIS PA.

Pulmonary emphysema: objective quantification at multi-detector row

CT-comparison with macroscopic and microscopic morphometry.
Radiology. 2006 Mar;238(3):1036-43. Epub 2006 Jan 19.

145. RUBESOVA E, GRELL AS, DE MAERTELAER V, METENS T, CHAO SL, LEMORT M.
Quantitative diffusion imaging in breast cancer: a clinical prospective study.
J Magn Reson Imaging. 2006 Aug;24(2):319-24.

146. ONCLINX C, DE MAERTELAER V, GUSTIN P, GEVENOIS PA.
Elastase-induced Pulmonary Emphysema in Rats: Comparison of Computed Density
and Microscopic Morphometry.
Radiology. 2006 Dec;241(3):763-770.

147. HAINAUX B, AGNEESSENS E, BERTINOTTI R, DE MAERTELAER V, RUBESOVA E,
CAPELLUTO E, MOSCHOPOULOS C.
Accuracy of MDCT in predicting site of gastrointestinal tract perforation.
AJR Am J Roentgenol. 2006 Nov;187(5):1179-83.

148. DUMONCEAU JM, COSTAMAGNA G, TRINGALI A, VAHEDI K, DELHAYE M, HITTELET A,
SPERA G, GIOSTRA E, MUTIGNANI M, DE MAERTELAER V, DEVIERE J.
Treatment for painful calcified chronic pancreatitis: extracorporeal shock wave
lithotripsy versus endoscopic therapy. A randomised controlled trial.
Gut. 2006 Oct 17

2007

149. BANKIER AA, SCHAEFER-PROKOP C, DE MAERTELAER V, TACK D, JAKSCH P,
KLEPETKO W, GEVENOIS PA.
Air Trapping: Comparison of Standard-Dose and Simulated Low-Dose Thin-Section CT Techniques.
Radiology. 2007 Jan 23;

150. SIMONART T, DRAMAIX M, DE MAERTELAER V.
Efficacy of tetracyclines in the treatment of acne vulgaris: a review.
Br J Dermatol. 2007 Nov 6; [Epub ahead of print]
PMID: 17986300 [PubMed - as supplied by publisher]

151. BOHY P, DE MAERTELAER V, ROQUIGNY A, KEYZER C, TACK D, GEVENOIS PA.
Multidetector CT in patients suspected of having lumbar disk herniation:
comparison of standard-dose and simulated low-dose techniques.
Radiology. 2007 Aug;244(2):524-31.

152. MADANI A, DE MAERTELAER V, ZANEN J, GEVENOIS PA.
Pulmonary emphysema: radiation dose and section thickness at multidetector CT
quantification--comparison with macroscopic and microscopic morphometry.
Radiology. 2007 Apr;243(1):250-7.

153. ARVANITAKIS M, DELHAYE M, BALI MA, MATOS C, DE MAERTELAER V, LE MOINE O,
DEVIERE J.
Pancreatic-fluid collections: a randomized controlled trial regarding stent
removal after endoscopic transmural drainage.
Gastrointest Endosc. 2007 Apr;65(4):609-19

154. BANKIER AA, SCHAEFER-PROKOP C, DE MAERTELAER V, TACK D, JAKSCH P,
KLEPETKO W, GEVENOIS PA.
Air trapping: comparison of standard-dose and simulated low-dose thin-section CT
techniques.
Radiology. 2007 Mar;242(3):898-906.

155. BOHY P, DE MAERTELAER V, ROQUIGNY A, KEYZER C, TACK D, GEVENOIS PA.
Multidetector CT in patients suspected of having lumbar disk herniation:
comparison of standard-dose and simulated low-dose techniques.
Radiology. 2007 Aug;244(2):524-31.

156. MARÉCHAL R, DEMOLS A, GAY F, DE MAERTELAERE V, ARVANITAKI M, HENDLISZ A,
VAN LAETHEM JL.
Prognostic factors and prognostic index for chemo-naïve and gemcitabine-refractory
patients with advanced pancreatic cancer.
Oncology. 2007;73(1-2):41-51. 2008 Mar 11.

157. SHAYEGAN A, DE MAERTELAER V, VANDEN ABBEELE A.
The prevalence of traumatic dental injuries: a 24-month survey.
J Dent Child (Chic). 2007 Sep-Dec;74(3):194-9.

2008

158. SIMONART T, DRAMAIX M, **DE MAERTELAER V**.
Efficacy of tetracyclines in the treatment of acne vulgaris: a review.
Br J Dermatol. 2008 Feb;158(2):208-16. Epub 2007 Nov 6. Review.

159. BALI MA, METENS T, DENOLIN V, **DE MAERTELAER V**, DEVIERE J, MATOS C.
Pancreatic perfusion: noninvasive quantitative assessment with dynamic
contrast-enhanced MR imaging without and with secretin stimulation in healthy
volunteers--initial results.
Radiology. 2008 Apr;247(1):115-21. Epub 2008 Feb 21.

160. MARÉCHAL R, DEMOLS A, GAY F, **DE MAERTELAER V**, ARVANITAKI M, HENDLISZ A, VAN
LAETHEM JL.
Tolerance and efficacy of gemcitabine and gemcitabine-based regimens in elderly
patients with advanced pancreatic cancer.
Pancreas. 2008 Apr;36(3):e16-21.

161. LAMBOT T, VAN STEENBERGHE PR, VANMUYLDER N, **DE MAERTELAER V**, GLINEUR R.
[Early treatment with rapid palatal expander and 3D Quad Action mandibular
appliance: evaluation of a comprehensive approach in 22 patients]
Orthod Fr. 2008 Jun;79(2):107-14.

162. KEYZER C, PARGOV S, TACK D, CRÉTEUR V, BOHY P, **DE MAERTELAER V**, GEVENOIS
PA.
Normal appendix in adults: reproducibility of detection with unenhanced and contrast-enhanced
MDCT.
AJR Am J Roentgenol. 2008 Aug;191(2):507-14.

163. MADANI A, VAN MUYLEM A, **DE MAERTELAER V**, ZANEN J, GEVENOIS PA.
Pulmonary emphysema: size distribution of emphysematous spaces on multidetector
CT images--comparison with macroscopic and microscopic morphometry.
Radiology. 2008 Sep;248(3):1036-41.

164. PASSANTE L, GASPARD N, DEGRAEVE M, FRISÉN J, KULLANDER K, **DE MAERTELAER V**,
VANDERHAEGHEN P.
Temporal regulation of ephrin/Eph signalling is required for the spatial
patterning of the mammalian striatum.
Development. 2008 Oct;135(19):3281-90.

165. SIMONART T, **DE MAERTELAER V**.
Curettage treatment for molluscum contagiosum: a follow-up survey study.
Br J Dermatol. 2008 Sep 15.

166. EHONGO A, **DE MAERTELAER V**, CULLUS P, POURJAVAN S.
Correlation between corneal hysteresis, corneal resistance factor, and ocular pulse amplitude in
healthy subjects.
J Fr Ophthalmol. 2008 Dec;31(10):999-1005.

2009

167. EHONGO A, **DE MAERTELAER V**, POURJAVAN S.
Effect of topical corneal anaesthesia on ocular response analyzer parameters:
pilot study.
Int Ophthalmol. 2009 Oct;29(5):325-8

168. GANGJI V, ROOZE M, **DE MAERTELAER V**, HAUZEUR JP.
Inefficacy of the cementation of femoral head collapse in glucocorticoid-induced

osteonecrosis.

Int Orthop. 2009 Jun;33(3):639-42

169. GHAYE B, WILLEMS V, NCHIMI A, KOUOKAM L, NOUKOUA C, **DE MAERTELAER V**, GEVENOIS

PA, Dondelinger RF.

Relationship between the extent of deep venous thrombosis and the extent of acute pulmonary embolism as assessed by CT angiography.

Br J Radiol. 2009 Mar;82(975):198-203.

170. NOSEDA A, ANDRÉ S, POTMANS V, KENTOS M, **DE MAERTELAER V**, HOFFMANN G.

CPAP with algorithm-based versus titrated pressure: A randomized study.

Sleep Med. 2009 Oct;10(9):988-92

171. HINSENKAMP M, MATHIEU F, CLAUS W, COLLARD JF, **DE MAERTELAER V**.

Effects of physical environment on the evolution of Kashin-Beck disease in Tibet.

Int Orthop. 2009 Aug;33(4):1085-8

172. DROSSOS K, REMMELINK M, NAGY N, **DE MAERTELAER V**, PASTEELS JL, SCHUIND F.

Correlations Between Clinical Presentations of Adult Trigger Digits and Histologic Aspects of the A1 Pulley.

J Hand Surg Am. 2009 Aug 19.

173. FRANCISSE S, REVELARD P, **DE MAERTELAER V**, STREBELLE E, ENGLERT Y, LIESNARD C.

Human cytomegalovirus seroprevalence and risk of seroconversion in a fertility clinic population.

Obstet Gynecol. 2009 Aug;114(2 Pt 1):285-91

174. ARVANITAKIS M, HOOKEY L, TESSIER G, DEMETTER P, NAGY N, STELLKE A, **DE MAERTELAER V**, DEVIÈRE J, LE MOINE O.

Intraductal optical coherence tomography during endoscopic retrograde cholangiopancreatography for investigation of biliary strictures.

Endoscopy. 2009 Aug;41(8):696-701.

175. CHAREZINSKI M, BALON-PERIN A, DEROUX E, **DE MAERTELAER V**, GLINEUR R.

Transverse maxillary stability assisted by a transpalatal device: a retrospective pilot study of 9 cases.

Int J Oral Maxillofac Surg. 2009 Sep;38(9):937-41

176. FRANCISSE S, REVELARD P, **DE MAERTELAER V**, STREBELLE E, ENGLERT Y, LIESNARD C.

Human cytomegalovirus seroprevalence and risk of seroconversion in a fertility clinic population.

Obstet Gynecol. 2009 Aug;114(2 Pt 1):285-91.

177. DROSSOS K, REMMELINK M, NAGY N, **DE MAERTELAER V**, PASTEELS JL, SCHUIND F.

Correlations between clinical presentations of adult trigger digits and histologic aspects of the A1 pulley.

J Hand Surg Am. 2009 Oct;34(8):1429-35. 2009 Aug 20.

178. KEYZER C, CULLUS P, TACK D, **DE MAERTELAER V**, BOHY P, GEVENOIS PA.

MDCT for suspected acute appendicitis in adults: impact of oral and IV contrast media at standard-dose and simulated low-dose techniques.

AJR Am J Roentgenol. 2009

Nov;193(5):1272-81..

2010

179. SONG Y, MASSART C, CHICO-GALDO V, JIN L, **DE MAERTELAER V**, DECOSTER C, DUMONT JE, VAN SANDE J.

Mol Cell Endocrinol. 2010 May 5;319(1-2):56-62.

180. SIMONART T, **DE MAERTELAER V**.

Systemic Treatments for cutaneous warts : A systematic review.

J Dermatolog Treat. 2012 Feb;23(1):72-7

2011

181 . SIMONART T, KABAGABO C, **DE MAERTELAER V.**

Homoeopathic remedies in dermatology: a systematic review of controlled clinical trials.
Br J Dermatol. 2011 Oct;165(4):897-905.

182. GANGJI V, **DE MAERTELAER V**, HAUZEUR JP.

Autologous bone marrow cell implantation in the treatment of non-traumatic osteonecrosis of the femoral head: Five year follow-up of a prospective controlled study.
Bone. 2011 Nov;49(5):1005-9

183. LIU Y, METENS T, ABSIL J, **DE MAERTELAER V**, BALERIAUX D, DAVID P, DENOLIN V, VAN OVERMEIRE B, AVNI F, VAN BOGAERT P, AEBY A.

Gender Differences in Language and Motor-Related Fibers in a Population of Healthy Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor and Probabilistic Tractography Study.
AJNR Am J Neuroradiol. 2011 Dec;32(11):2011-6.

2012

184. LIU Y, AEBY A, BALÉRIAUX D, DAVID P, ABSIL J, **DE MAERTELAER V**, VAN BOGAERT P, AVNI F, METENS T

White Matter Abnormalities Are Related to Microstructural Changes in Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor Imaging and Probabilistic Tractography Study.
AJNR Am J Neuroradiol. 2012 May;33(5):839-45.

185. SIMONART T, **de MAERTELAER V.**

Systemic treatments for cutaneous warts: a systematic review.
J Dermatolog Treat. 2012 Feb;23(1):72-7

2013

186. DEMEESTERE I, BRICE P, PECCATORI FA, KENTOS A, GAILLARD I, ZACHEE P, CASASNOVAS RO, VAN DEN NESTE E, DECHENE J, **DE MAERTELAER V**, BRON D, ENGLERT Y.

Gonadotropin-Releasing Hormone Agonist for the Prevention of Chemotherapy-Induced Ovarian Failure in Patients With Lymphoma: 1-Year Follow-Up of a Prospective Randomized Trial
J Clin Oncol. 2013 Mar 1;31(7):903-9.

187. BRASSART N, WINANT C, TACK D, GEVENOIS PA, **DE MAERTELAER V**, KEYZER C.

Optimised z-axis coverage at multidetector-row CT in adults suspected of acute appendicitis.
Br J Radiol. 2013 Aug;86(1028):20130115.

2014

188. TACK D1, JAHNEN A, KOHLER S, HARPES N, **DE MAERTELAER V**, BACK C, GEVENOIS PA

Multidetector CT radiation dose optimisation in adults: short- and long-term effects of a clinical audit.
Eur Radiol. 2014 Jan;24(1):169-75.

189. DEMEESTERE I, BRICE P, PECCATORI FA, KENTOS A, GAILLARD I, ZACHEE P, CASASNOVAS O, VAN DEN NESTE E, DECHENE J, **DE MAERTELAER V**, BRON D, ENGLERT Y.

Reply to Z. Blumenfeld et al.
J Clin Oncol. 2013 Oct 10;31(29):3722-3.

190. MICHALAKIS N, KEYZER C, **DE MAERTELAER V**, TACK D, GEVENOIS PA.

Reduced z-axis coverage in multidetector-row CT pulmonary angiography decreases radiation dose and diagnostic accuracy of alternative diseases.
Br J Radiol. 2014 Jan;87(1033):20130546.

191. KEYZER C, KNOOP C, VAN WETTERE M, DEHU M, GOSSET N, **DE MAERTELAER V**, GEVENOIS PA.

Cystic fibrosis: unenhanced CT description of the appendix in asymptomatic adults. *AJR Am J Roentgenol.* 2014 Apr;202(4):759-64.

192. MUTIJIMA E, **DE MAERTELAER V**, DEPREZ M, MALAISE M, HAUZEUR JP.

The apoptosis of osteoblasts and osteocytes in femoral head osteonecrosis: its specificity and its distribution.

Clin Rheumatol. 2014 Dec, (33) 1791-1795.

193. D'HONDT A, CORNIL A, BOHY P, **DE MAERTELAER V**, GEVENOIS PA, TACK D.

Tuning of automatic exposure control strength in lumbar spine CT.

Br J Radiol. 2014 May;87(1037):20130707

2015

194. MEDJEK M, HACKX M, GHAYE B, **DE MAERTELAER V**, GEVENOIS PA.

Value of the "spine sign" on lateral chest views

Br J Radiol. 2015 Jun;88(1050):20140378. doi: 10.1259/bjr.20140378. Epub 2015 Apr 1.

195. KEYZER C, DHAENE B, BLOCKLET D, **DE MAERTELAER V**, GOLDMAN S, GEVENOIS PA.

Colonoscopic Findings in Patients With Incidental Colonic Focal FDG Uptake.

AJR Am J Roentgenol. 2015 May;204(5):W586-91. doi: 10.2214/AJR.14.12817.

196. MICHAEL DERMIENCE, LOGNAY GEORGES, **VIVIANE DE MAERTELAER**, PHILIPPE MAESEN, JEAN-MICHEL ROMNEE, FRANÇOISE MATHIEU, DENCHEN YANGZOM, TSEWANG

The relevance of food composition data for nutrition surveys in rural Tibet: pilot study in the context of Kashin-Beck Disease.

Biotechnologie, Agronomie, Société et Environnement ; 1370-6233 1780-4507

2016

197. HAUZEUR JP, MALAISE M, **de MAERTELAER V**.

A prospective cohort study of the clinical presentation of non-traumatic osteonecrosis of the femoral head: spine and knee symptoms as clinical presentation of hip osteonecrosis.

Int Orthop. 2016 Jan 5 Jan 5. [Epub ahead of print] PMID: 26728612

198. BROMBERG L, ROUFOSSE F, PRADIER O, DELPORTE C, VAN ANTWERPEN P, **DE MAERTELAER V**, COGAN E.

Methylprednisolone-induced lymphocytosis in patients with immune mediated inflammatory disorders.

Am J Med. 2016 Mar 8. S0002-9343(16)30201-7

199. ROOZE S, MATHIEU F, CLAUS W, YANGZOM T, YANGZOM D, GOYENS P, **DE MAERTELAER V**.

Effect of calcium and vitamin D on growth, rickets and Kashin-Beck disease in 0- to 5-year-old children in a rural area of central Tibet.

Trop Med Int Health. 2016 Jun;21(6):768-75. doi: 10.1111/tmi.12706. Epub 2016 May 24

200. DEMEESTERE I, BRICE P, PECCATORI FA, KENTOS A, DUPUIS J, ZACHEE P, CASASNOVAS O, VAN DEN NESTE E, DECHENE J, **DE MAERTELAER V**, BRON D, ENGLERT Y.

No Evidence for the Benefit of Gonadotropin-Releasing Hormone Agonist in Preserving Ovarian Function and Fertility in Lymphoma Survivors Treated With Chemotherapy: Final Long-Term Report of a Prospective Randomized Trial.

J Clin Oncol. 2016 Aug 1;34(22):2568-74. doi: 10.1200/JCO.2015.65.8864.

201. FORTON FM, **DE MAERTELAER V**.

Two Consecutive Standardized Skin Surface Biopsies: An Improved Sampling Method to Evaluate Demodex Density as a Diagnostic Tool for Rosacea and Demodicosis.

Acta Derm Venereol. 2016 Aug 30. doi: 10.2340/00015555-2528.

- Projects**
- In charge of statistical data collection and analysis for a clinical trial (UTERON-MITHRA), phase I (2009-2010) and phase II (2010- end of August 2013)
 - Consultant for AFMPS, Agence Fédérale des Médicaments et produits de Santé (2001 - today)
 - Expert for IRSIB, Institut d'encouragement de la Recherche Scientifique et de l'Innovation de Bruxelles (2005 - today)
 - In charge of statistical data collection and analysis for a clinical trial (UTERON-MITHRA), phase I (2009-2010) and phase II (2010- end of August 2013)
 - Owner and CEO of VM-AN Consulting SNC
 - Speaker for post-graduate program in pharmaceutical medicine/drug development sciences (PHARMED-ULB): ANOVA, Multiple regressions, meta-analysis, bias in statistical methodologies and reports... (1992 - today)
 - Speaker for Evidence Medicine Certificate at ULB (2008 - today)
 - Professor Emeritus, ULB (Oct 12 - Today)
 - In charge of the statistical analyses of a phase I and phase II clinical trial for a Belgian pharmaceutical company (until August 2013)

- Memberships**
- European Study Group for Cell Proliferation (1976).
 - The International Society for Clinical Biostatistics (1982).
 - The International Biometric Society (1993).
 - Administrator of "Quetelet Society" (2005).
 - The Royal Statistical Society, Great-Britain (1993).
 - Association pour la Statistique et ses utilisateurs, France (1990).
 - Belgian Statistical Society (1999).
 - Referee for international journals (J. Th. Biol., Cell Tissue Kinet. Journal of Dermatological Treatment, Frontiers Pharmacology...).

Other Relevant Information