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A regional follow-up study at two years of age in extremely preterm and very preterm infants.

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Abbreviations

AGA	: appropriate for gestational age
BMI	: body mass index
BPD	: bronchopulmonary dysplasia
BW	: birth weight
CI	: confidence interval
DA	: definitely abnormal
GA	: gestational age
HC	: head circumference
IVH	: intraventricular haemorrhage
L	: length
Lcorr	: length corrected for target height
LFUPP	: Leiden Follow-Up Project on Prematurity
MA	: mildly abnormal
MD	: moderate delay
MDI	: mental developmental index
N	: normal
NEC	: necrotising enterocolitis
NICU	: neonatal intensive care unit
OR	: odds ratio
PDA	: patent ductus arteriosus
PDI	: psychomotor developmental index
PGR	: preterm growth restraint
PMA	: postmenstrual age
POPS	: Project On Preterm and Small for gestational age infants
PVL	: periventricular leucomalacia
RDS	: respiratory distress syndrome
SD	: severe delay
SDS	: standard deviation score(s)
SES	: socioeconomic status
SGA	: small for gestational age
TH	: target height
W	: weight
W/L	: weight-for-length

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Curriculum Vitae

Monique Rijken werd geboren op 11 augustus 1963 te Roosendaal.

Zij is getrouwd met Hans Schnoor en samen hebben zij twee kinderen, Kyma en Floris.

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Publications

Rijken M, Wit JM, Le Cessie S, Veen S. The effect of perinatal risk factors on growth in very preterm infants at 2 years of age: the Leiden Follow-Up Project on prematurity. *Early Human Development* 2007; 83:527-534

Rijken M, Veen S, Walther FJ. Ethics of maintaining extremely preterm infants. *Paediatrics and Child Health* 2007; 17(2): 58-63

Boom ML de, *Rijken M, Walther FJ.* Postnataal dexamethason bij prematuren met ernstige ademhalingsproblemen: laatste redmiddel of niet? *Tijdschr Kindergeneesk* 2007; 75(2):62-67

Wit JM, Finken MJ, *Rijken M, de Zegher F.* Preterm growth restraint: a paradigm that unifies intrauterine growth retardation and preterm extrauterine growth retardation and has implications for the small-for-gestational-age indication in growth hormone therapy. *Pediatrics* 2006, 117(4): e793-795.

Benders MJ, Bos AF, Rademaker CM, *Rijken M, Torrance HL, Groenendaal F, van Bel F.* Early postnatal allopurinol does not improve short term outcome after severe birth asphyxia. *Arch Dis Child Fetal Neonatal Ed.* 2006; 91(3): F163-165.

Wit JM, Finken MJ, *Rijken M, Walenkamp MJ, Oostdijk W, Veen S.* Confusion around the definition of small for gestational age. *Pediatr Endocrinol Rev.* 2005; 3(1):52-53

Stoelhorst GMSJ, *Rijken M, Martens SE, Brand R, den Ouden AL, Wit JM, Veen S.* Changes in neonatology: comparison of two cohorts of very preterm infants (gestational age < 32weeks): the Project on Preterm and Small for Gestational Age Infants 1983 and the Leiden Follow-Up Project on Prematurity 1996-1997. *Pediatrics* 2005; 115(2):396-405

Martens SE, *Rijken M, Stoelhorst GMSJ, van Zwieten PHT, Zwinderman AH, Wit JM, Hadders-Algra M, Veen S;* Leiden Follow-Up Project on Prematurity. Is hypotension a major risk factor for neurological morbidity at term age in very preterm infants? *Early Hum Dev.* 2003; 75(1-2):79-89

Rijken M, Stoelhorst GMSJ, Martens SE, van Zwieten PHT, Brand R, Wit JM, Veen S. Mortality and neurologic, mental, and psychomotor development at 2 years in infants born less than 27 weeks' gestation: the Leiden Follow-Up Project on Prematurity. *Pediatrics* 2003; 112(2):351-358

Stoelhorst GMSJ, Martens SE, *Rijken M*, van Zwieten PHT, Zwinderman AH, Wit JM, Veen S; Leiden Follow-Up Project on Prematurity. Behavior at 2 years of age in very preterm infants (gestational age < 32 weeks). *Acta Paediatr.* 2003; 92(5):595-601

Stoelhorst GMSJ, *Rijken M*, Martens SE, van Zwieten PHT, Feenstra J, Zwinderman AH, Wit JM, Veen S; Leiden Follow-Up Project on Prematurity. Developmental outcome at 18 and 24 months of age in very preterm children: a cohort study from 1996 to 1997. *Early Hum Dev.* 2003; 72(2):83-95

Ouden LA den, *Rijken M*, Brand R, Verloove-Vanhorick SP, Ruys JH. Is it correct to correct? Developmental milestones in 555 "normal" preterm infants compared with term infants, *J Pediatr.* 1991; 118(3):399 - 404.

