

Congenital CORvita

Project group

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National registry and DNA-bank of adults
with congenital heart disease
www.CONCOR.net



Number of included patients:

7100

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Steering committee

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Research projects that use CONCOR data

Number of participating hospitals: 87

Clinical research projects

- AICD in CHD (Yap/Schalijs/Roos)
- Late complications in CoA (Vriend/Mulder)
- Pulmonary hypertension in CHD (Duffels/Mulder/Berger)
- Prognosis of patients with CHD (Verheugt/Mulder/Grobbee)
- Pulmonary homograft in Fallot patients (Oosterhof/Mulder)
- Pregnancy in CHD: ZAHARA (Drenthen/Pieper)
- CVA / TIA in CHD (Hoffman)
- Statins and aortic stenosis: PROCAS (Yap/Roos)

DNA research projects

- From zebrafish to man: Mutations in genes for cardiac development (Joziasse/Bakkers/Mulder)
- Genetic basis of congenital cardiac malformations (Lekanne Deprez/Moorman)
- Genes in heterotaxia (Devriendt, Leuven)
- GATA4 polymorphisms in CHD (Postma/Moorman)
- TGF- β receptor mutations in ASD with pulmonary hypertension (Meijboom/Berger)
- Genes for heart repair (v. Engelen/Mulder/Moorman)
- Identification of genes involved in Tetralogy of Fallot (Kriek/Breuning)

References

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- 2 Vriend JW, et al. The CONCOR-project. *Ned Tijdschr Geneesk* 2004;148:1646-7.
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- 4 Meijer JM, et al. Pregnancy, fertility, recurrence risk in corrected ToF. *Heart* 2005;91:801-5.
- 5 Drenthen W, et al. Cardiac complications relating to pregnancy and recurrence in the offspring of women with AVSD. *Eur Heart J* 2005;26:2581-7.
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- 9 Drenthen W, et al. Fertility, pregnancy, and delivery after biventricular repair for pulmonary atresia with an intact ventricular septum. *Am J Cardiol* 2006;98:259-61.
- 10 Drenthen W, et al. Pregnancy and delivery in women after Fontan palliation. *Heart* 2006;92:1290-4.
- 11 Yap SC, et al. Outcome of ICD in adults with CHD. *Eur Heart J* 2006 [Epub ahead of print].
- 12 Oosterhof T, et al. Long-term follow-up of homograft function after pulmonary valve replacement in patients with ToF. *Eur Heart J* 2006;27:1478-84
- 13 Duffels MGJ, et al. Pulmonary arterial hypertension in CHD. *Int J Cardiol* [In press].

