DR FERRAN ROSÉS NOGUER

Dr Ferran Rosés Noguer finished General Medicine at the UAB in Barcelona, and performed the Paediatric residency at the Vall d'Hebron Hospital.

He then enrolled in the Paediatric Cardiology training in the same institution where he completed the general Paediatric Cardiology training 2010.

Afterwards, he was accepted as a Clinical Fellow at the Great Ormond Street Hospital in London for 3 months to extend his clinical skills in paediatric cardiac intensive care.

Shortly after, he started as a clinical fellow in paediatric electrophysiology at the Royal Brompton Hospital in London where he completed his specialised training in paediatric arrhythmias and electrophysiology.

After his training, in 2011 he was appointed as a Paediatric Electrophysiology Consultant at the Royal Brompton Hospital in London, where he worked until April 2014 when he was appointed as Paediatric Electrophysiology Consultant and the Lead of the Paediatric Cardiology Service of the Vall d'Hebron University Hospital, in Barcelona. Since then he has a joint contract in both organizations and shares clinical and research between both organizations.

During his professional carrier as a Consultant at the Royal Brompton, he was nominated as a clinical supervisor and was actively involved in the educational program of pregraduate, and postgraduate doctors, focusing on the diagnostic and treatment of paediatric patients with congenital heart diseases and specifically those with complex arrhythmias. The Royal Brompton is the 2nd biggest cardiac centre in UK as has > 10 clinical fellows each year and it is considered one of the leading paediatric cardiac centres around de world. Also, Dr Roses participated in many educational courses organised by the Brompton Hospital to train junior doctor from all around de world, and was also invited to give lectures in some of the most important paediatric Cardiology meeting in Europe, like the Heart Rhythm Congress in UK and Cardiostim in 2014.

Dr Roses has focused his research over the last years in helping children with congenital heart diseases, particularly those with arrhythmias and inherited cardiac conditions. Together with Dr Jan Till from the Brompton, started a National Program of left cardiac sympathectomy, which is the largest program in UK. Since 2012 Dr Roses created the Brompton paediatric cardiac resynchronisation and dyssynchrony service, where he looks after paediatric patients with complex congenital heart diseases who suffer from sever heart failure and is conducting several research projects.

Since he took his position in Barcelona, has started a very active program of research with several projects investigating foetal arrhythmias, sudden death syndrome and molecular autopsy, complex EP ablation in children with arrhythmias and has endorsed research collaborations with several universities (UAB and UPF) and other R+D companies to develop specific paediatric heart monitors and digital biometric patches for children with Congenital heart diseases.

Dr Roses has participated in > 20 publication, including international peered review journals, national journals and book chapters. The most significant publications are listed below:

1. Cardiac evaluation of paediatric relatives in sudden arrhythmic death syndrome: a 2-center experience**.**
Wong LC, **Roses-Noguer F**, Till JA, Behr ER. Circ Arrhythm Electrophysiol. 2014 Oct;7(5):800-6.

2. Outcomes of defibrillator therapy in catecholaminergic polymorphic ventricular tachycardia. **Roses-Noguer** F, Jarman JW, Clague JR, Till J. Heart Rhythm. 2014 Jan;11(1):58-66

3. Effects of flecainide on exercise-induced ventricular arrhythmias and recurrences in genotype-negative patients with catecholaminergic polymorphic ventricular tachycardia. Watanabe H, van der Werf C, **Roses-Noguer** F, Adler A, Sumitomo N, Veltmann C, Rosso R, Bhuiyan ZA, Bikker H, Kannankeril PJ, Horie M, Minamino T, Viskin S, Knollmann BC, Till J, Wilde AA. Heart Rhythm. 2013 Apr;10(4):542-7

4. Persistent primitive hepatic venous plexus in a child with scimitar syndrome. Betriàn Blasco P, **Roses-Noguer F**, Garcia GG, Comas JG. Int J Cardiol. 2011 Sep 15;151(3): e88-9.

5. Severe foetal hypertrophic cardiomyopathy evolving to left ventricular non-compaction. Betrián Blasco P, Albert Brotóns DC, **Roses-Noguer F**, Menduña QF, García GG. Eur J Echocardiogr. 2010 Dec;11(10): E36. Epub 2010 Jul 28.