

Stellingen behorende bij het proefschrift “Advanced genomic testing for fetal ultrasound anomalies”

1. Invasive chromosomal microarray has a 3-8% additional diagnostic yield over karyotyping in fetuses with an ultrasound anomaly restricted to one anatomical system. In fetuses with multiple anomalies its additional diagnostic yield is 9%. Therefore invasive chromosomal microarray should always be offered in case of ultrasound anomalies (this thesis)
2. Because chromosomally normal syndromic postnatal phenotypes occur frequently in fetuses with small for gestational age growth between 18 and 24 weeks, they should receive thorough postnatal examination and follow-up by a paediatrician (this thesis)
3. At present, invasive testing for SNP array is the diagnostically preferred modality over non-invasive testing in fetuses with increased nuchal translucency (this thesis)
4. Based on the results of postnatal testing, antenatal whole exome sequencing is expected to have an additional diagnostic value between 6.7 and 23.4% in case of a fetal congenital heart malformation on ultrasound without pathogenic anomalies on microarray (this thesis)
5. The offer of invasive fetal whole exome sequencing in case of fetal anomalies on ultrasound serves the aims of prenatal diagnosis best (this thesis)
6. A solar panel surface of 100 by 100 Km in the Sahara is enough to satisfy the world's energy demand (Jan de Wit, 2017). Establishing such large-scale sustainable energy projects is essential in safeguarding the health of future generations.
7. There should be a commission to give doctors binding legal advice in handling a request for late pregnancy termination before the request is carried out.
8. Permanent open office plans and flexible workspaces will inhibit scientific success, as many of the most creative and innovative thinkers need solitude to shine.
9. The emerged gender gap in higher education in developed countries is a consequence of progressive improvement in girls' performance rather than of boys underperforming. Yet, we need to redesign our education system to better meet the needs of boys in school, as future generations will benefit from closing this gender gap.
10. When considering the senate's arguments against the adoption of the Electronic Patient File (EPD) law in the light of how patients currently use social media, one can conclude that the government values the protection of patient privacy higher than patients themselves.
11. If in doubt, paddle out (Nat Young)