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The surgical separation of conjoined twins stay enter the challenge and the impossibility

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The surgery of conjoined twin range from the easy one to the most complicated in pediatric surgery. The possibility of separation in some type of conjoined twins is still far away although the great development of surgery. The rarity of this surgery explains the little experience for treating some types of conjoined twins and absence of surgical protocol. We had three different types of conjoined twins, the first was in 2011, the less common types and the impossible kind for separation. The parapagus, fused side-by-side with a shared pelvis, and lower limbs, in this type we have not enough organs for having two complete twins and the kind of connection enter, virtual organs do not allow us to think for separation. The second was in 2014, type of parasite conjoined twins, and we had done easy successful separation with the excellent cosmetic result after isolating of the connection of digestive system and rebuilt the skin and umbilicus. The third was in 2018, type of the omphalopagus in which two twins fused at the abdomen and the lower part of the thorax, the particularity in this case that the lower part of fusion was a membrane which accelerates the surgical decision of separation in the second day of life. These twins were shared of the liver, digestive system, the lower part of the sternum and there were many secondary vascular connections. The result was great with two survival separating twins, although the surgery was complicated a cause of the necessity of cutting the two fusing livers with the risk of hemorrhage, instead of the need of creation suitable abdominal cavities for the organs returned to their place in each side.

Biography

Omran Ammar is currently working as Pediatric Surgeon professor in Tishrine University Hospital, Syria. He was an Intern of pediatric surgery and urology hospital Mere Enfant, Lyon, France 2004 /2007. His research interests reflect in his wide range of publications in various national and international journals.

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