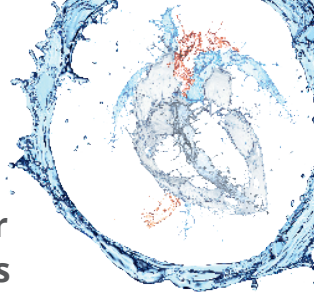


LIVE WEBINAR

Histidine-tryptophan-ketoglutarate solution versus multidose cardioplegia for myocardial protection in cardiac surgeries



July 9th, 2024 | 17:00 CEST

One of the major advantages of Bretschneider's cardioplegia (histidine-tryptophan-ketoglutarate, HTK) is that it can provide a long period of myocardial protection with one single dose. The other cardioplegic solutions protect for only 20 to 60 minutes. A single dose of HTK provides over two hours of myocardial protection, with a maximum of 3 hours. This feature allows time-saving and avoidance of surgical interruption for re-administration of the solution. This is especially beneficial for MICS (Minimally invasive cardiac surgery). This webinar aims to provide updated evidence of the efficacy and safety of HTK solution in comparison with other alternative solutions in cardiac surgeries by summarizing the findings of 12 randomized controlled trials (RCTs) that compared HTK to other cardioplegic solutions in various cardiac surgeries. 1327 cardiac patients were summarized, with 666 patients that had received the HTK solution. HTK has resulted significantly in shorter hospital and ICU stay. Moreover, in comparison with other cardioplegic solutions, HTK has significantly decreased the release of both CK and CK-MB.

The Speaker



Dr. Muayad Albadrani M.D, MPH, PhD, CPH
Associate Professor Department of
Family and Community Medicine at Taibah
University in Saudi Arabia

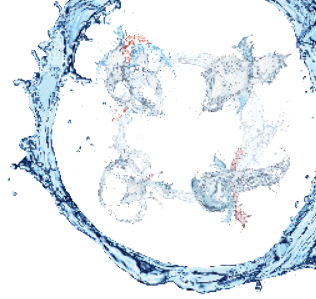
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AUGUST 6 | 17:00 pm CEST

Perfusion of deceased donor liver and pancreas grafts with HTK: Adult and pediatric data |

Dr. Richard S. Mangus, MD MS FACS

SEPTEMBER 24 | 17:00 pm CEST

Pediatric cardiac surgery:

A review on history, milestones, and techniques |

Prof. MUDr. Martin Kostelka

NOVEMBER 5 | 17:00 pm CET

Sternum sparing multivessel

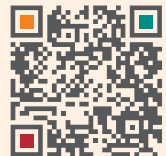
coronary surgery as a routine procedure |

Dr. Christian Sellin

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