EXTRA CORPOREAL TECHNOLOGY, WHAT HAS BEEN DONE AND WHAT IS NEW TO ACHIEVE SAFETY IN THORACIC SURGERY

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It is a snap shot to review the techniques and technology that help to achieve safety and success in cardiothoracic surgery. Reviewing the equipments that are used since the start of the cardiothoracic surgery till the time being including heart lung machines and the revolution that happend in the manufacturing of the oxygenators bubbles and membranes, arterial filters, hemofilters The new technology that permits the full and tight control on the patients and helps the perfusionists to be in close distance with the patients events, and can be in a foreword feedback status to be a step forward before the problems. Good and continuous training process of the perfusionists together with maintaining an accreditation program to maintain an excellent quality of this services is of great importance. The well trained perfusionists can use the technology to be the support that both patients and surgeons need.