Cardiac revascularization procedures performed by the off-pump technique (OPCAB) had became the standard practice in the majority of the remarkable cardiac centers allover the world, that was evidently based by enormous clinical trials proving the better outcome in many clinical aspects in correlation to procedures performed under the management of the cardiopulmonary bypass (CPB) .

This off pump technique is now referenced as a minimally invasive technique in cardiac surgery based on avoidance of the Cardiopulmonary Bypass as well as achieving most of the goals of minimally invasive surgeries.

Economic considerations had became one of the main driving forces in modulating health care services in cardiac practice, from which evolved the concept of Fast Tracking which is a complete protocol covering the perioperative period, being one of the detrimental factors in that concept is the anesthetic management in order to achieve Haemodynamic stability and early postoperative extubation, a practice which was proved to be safe and cost-effective.

After 9 years of experience and acquisition of “The Center of Excellence in the Middle East” based on the number of cases performed by the off pump technique in King Fahad Cardiac Center Together with multiple clinical studies in different aspects, while comparing our results to other international clinical trials.

What do we know so far?