

Second Laureate Research & Development



- **Project title:** ARIA Patient Monitor (portable, with the ability to measure multiGas analyzer ARC)
- **Representative:** Abdolreza Yaghubzadeh Tari (MS.c)
- **Executive Organization:** Pooyandegan Rah Saadat Company

Abstract:

ARIA monitor / module is designed in away that the core of which is a multi-parameter, lightweight (less than 800 gr) and small monitor. Ability to work with internal battery , internal memory and color LCD touch screen of this multi- parameter monitor make it as a full –function monitoring system with the capability of measuring Multi-gas.

ARIA Features:

- Ability to display vital sign parameters separately on second LCD screen independently by using ARC system (ARIA remote control)
- After transferring patient from ambulance to hospital, ARIA monitor can be connected to a modular system (without detaching for the patient) that leads to providing continuous monitoring of vital signs and data storage which making it with an easy operation and cost-effective system in hospitals
- ARIA monitor also meets all needs of hospitals of a portable monitoring system, which can be easily carried by patients and placed in a modular system with a larger display screen
- Due to its portable and lightweight features, ARIA monitor can be placed in a special bag and easily carried by patients. It can also be installed on roll stands and hung from the stretcher rail during patient transport

