

*Introduction.*

*- Preface.*

*- Acknowledgments.*

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*- Part 1. Cardiac and hemodynamic risks.*

*- The patient with acute coronary syndrome.*

*- The patient with advanced chronic heart failure.*

*- The patient with severe pulmonary arterial hypertension .*

*- The patient with severe aortic stenosis.*

*- The patient with congenital cardiac disease.*

*- The patient with an automatic implanted device.*

*- The patient with intra-abdominal hyperpression.*

*- Part 2. Respiratory risks.*

*- The patient with SOAS.*

*- The patient with end-stage pulmonary disease.*

*- Part 3. Renal and metabolic risks.*

*- The patient with end-stage renal disease.*

*- The patient with end-stage liver disease.*

*- The severe obese patient.*

*- Patients with rare metabolic diseases.*

*- Part 4. Neurological risks.*

*- Patients with cerebral diseases.*

*- Patients with chronic neuromuscular diseases.*

*- Part 5. Other risks.*

- *The patient with severe sepsis.*
- *The patient with hemorrhagic risk.*
- *The transplanted patient.*
- *Aged patients with a frailty syndrome.*
- *The allergic patient.*
- *The addicted patient.*
- *The Jehovah witness patient.*
- *The pregnant women.*