Complications of hemoperfusion

Biocompatibility issues
- The sorbent is a foreign material, and you expose your bloodstream to it.
  - The first few sorbent filters activated the complement cascade in a very impressive way.
  - Subsequently, new coatings have reduced this effect

Thrombocytopenia and hemolysis
- The sorbent is abrasive, and you grind your blood cells against it.
  - One solution is to separate the blood cells and the plasma, and then to only expose the plasma to the sorbent

Sorbent embolus
- The sorbent is microscopic particles, which can break off and sail downstream
  - These days, there are filters for that.