

BLOOD OXYGENATION DEVICE

ABSTRACT

The present invention provides a blood oxygenation device, which includes: a first exchange layer, a second exchange layer, and an input
5 mechanism arranged on the first exchange layer; and an output mechanism arranged on the second exchange layer, characterized in that the first exchange layer and the second exchange layer are laminated, and each exchange layer is provided with a flow channel for oxygenation of hypoxic
10 blood and an air-permeable film, and the oxygenated blood is irradiated through a red LED lamp to improve the carried oxygen amount and oxygenation efficiency enable blood to directly react with cells after being transfused into the human body, effectively reducing the discomfort of the transfused patient during the blood transfusion process of treatment or surgery, so as to eliminate existing problems in blood transfusion.

15 [Fig. 1]