

PRESS RELEASE

Scandinavian Real Heart AB (publ)

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New area of usage for the Real Heart heart pump

During the development of model 11, which is designed in two halves, we have, together with heart surgeons, seen new possibilities to use one pump half as a ventricular assist device. On May 4th we performed the first test to operate the Real Heart assist device into a test animal.

Up until now we have worked with a TAH product (Total Artificial Heart). This type of heart pump is used when the entire heart fails. A more common condition is when only one half of the heart fails. This type of failure can be temporary and can occur after e.g. an acute inflammation of the heart muscle. Patients with acute heart failure can be saved by implanting a ventricular assist device to support the failing half of the heart without removing the biological heart. A ventricular assist device is thus a smaller pump that works in coordination with the failing heart half, and supports it so that circulation is sustained at a sufficient level.

After a thorough assessment together with heart surgeons we took the decision to preform a first test to insert a heart pump half model 11 as a ventricular assist. This operation was perf

För mer information, kontakta:

Azad Najar, vd

073-667 34 63

azad.najar@realheart.se

www.realheart.se

Om Scandinavian Real Heart AB – Endast cirka 5 000 hjärtrtransplantationer sker årligen i hela världen och tillgången på donerade hjärtan är mycket begränsad. Behovet är stort och patienter med hjärtsvikt avlider i väntan på ett nytt hjärta. Scandinavian Real Heart AB utvecklar en hjärtpump (TAH) som efterliknar kroppens naturliga cirkulation och som ska kunna användas som en övergångslösning för patienter som väntar på en hjärtrtransplantation.