



CARMAT announces the first commercial implants of its Aeson® artificial heart outside the European Union

Two implants have recently been performed in Israel

Paris, June 2, 2025 – 7 am CEST

CARMAT (FR0010907956, ALCAR), designer and developer of the world's most advanced total artificial heart, aiming to provide a therapeutic alternative for people suffering from advanced biventricular heart failure (the "Company" or "CARMAT"), today announces the first implants of its Aeson® artificial heart in a commercial set-up, outside the European Union (EU).

Two implants of Aeson® artificial heart were performed during the week commencing May 26, 2025 in Israel.

The first one was carried out at Hadassah Ein Kerem Hospital in Jerusalem by a team led by Pr Offer Amir, Pr Rabea Asleh and Dr Amit Korach, respectively director of the Heart Institute, director of heart failure unit and director of the cardiac surgery department at Hadassah Medical Center.

The second one was carried out at Sheba Medical Center in Ramat Gan (Tel Aviv), by a team led by Dr Jeff Morgan, Dr Leonid Sternik, Dr Alex Fardman and Dr Eyal Nachum, respectively head of mechanical support unit, director of cardiac surgery department, heart failure cardiologist and cardiac transplant surgeon.

Those are the first Aeson® implants made in a commercial set-up outside the European Union.

These implants bring to 5 the total number of countries¹ where commercial implants have been performed so far. They confirm the trust placed in the device by healthcare professionals, and the growing interest in the therapy.

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About CARMAT

CARMAT is a French MedTech that designs, manufactures and markets the Aeson® artificial heart. The Company's ambition is to make Aeson® the first alternative to a heart transplant, and thus provide a therapeutic solution to people suffering from end-stage biventricular heart failure, who are facing a well-known shortfall in available human grafts. The world's first physiological artificial heart that is highly hemocompatible, pulsatile and self-regulated, Aeson® could save, every year, the lives of thousands of patients waiting for a heart transplant. The device offers patients quality of life and mobility thanks to its ergonomic and portable external power supply system that is continuously connected to the implanted prosthesis. Aeson® is commercially available as a bridge to transplant in the European Union and other countries that recognize CE marking. Aeson® is also currently being assessed within the framework of an Early Feasibility Study (EFS) in the United States. Founded in 2008, CARMAT is based in the Paris region, with its head offices located in Vélizy-Villacoublay and its production site in Bois-d'Arcy. The Company can rely on the talent and expertise of a multidisciplinary team of circa 200 highly specialized people. CARMAT is listed on the Euronext Growth market in Paris (Ticker: ALCAR / ISIN code: FR0010907956).

For more information, please go to www.carmatsa.com and follow us on [LinkedIn](#).

¹ Germany, Italy, Spain, Poland and Israel.



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Name: **CARMAT**
 ISIN code: **FR0010907956**
 Ticker: **ALCAR**

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This press release may contain forward-looking statements regarding the Company's objectives and outlook. These forward-looking statements are based on the current estimates and anticipations of the Company's management and are subject to risk factors and uncertainties, including those described in its Universal Registration Document filed with the French Financial Markets Authority (Autorité des marchés financiers) (the "AMF") under number D.25-0345 (the "**2024 Universal Registration Document**"), available free of charge on the websites of CARMAT (www.carmatsa.com/en/) and the AMF (www.amf-france.org).

Readers' attention is particularly drawn to the fact that the Company's current cash runway is limited to mid-June 2025 (excluding the flexible equity financing line entered into with IRIS, which was announced on March 27, 2025). The Company is also subject to other risks and uncertainties, such as its ability to implement its strategy, the pace of development of its production and sales, the pace and results of ongoing or planned clinical trials, technological evolution and competitive environment, regulatory changes, industrial risks, and all risks associated with the Company's growth management. The Company's forward-looking statements mentioned in this press release may not be achieved due to these elements or other risk factors and uncertainties, whether unknown or not considered material and specific by the Company as of today.

Aeson® is an active implantable medical device commercially available in the European Union and other countries recognising the CE mark. The Aeson® total artificial heart is intended to replace the ventricles of the native heart and is indicated as a bridge to transplant in patients with end-stage biventricular heart failure (Intermacs classes 1-4) who cannot benefit from maximal medical therapy or a left ventricular assist device (LVAD) and who are likely to benefit from a heart transplant within 180 days of implantation. The decision to implant and the surgical procedure must be carried out by healthcare professionals trained by the manufacturer. The documentation (clinician's manual, patient's manual and alarm booklet) must be read carefully to learn about the characteristics of Aeson® and the information required for patient selection and proper use (contraindications, precautions, side effects) of Aeson®. In the United States, Aeson® is currently only available as part of a feasibility clinical trial approved by the Food & Drug Administration (FDA).