JointProject

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SANPLATEC®

# A successful series of "live transport and display" events of myocardial sheets with iP-TEC®

**Major successful events for the transport and display of myocardial sheets**

2016

May: Ise-Shima Summit
Osaka ↔ Mie (Car)

September: Hyogo-Kobe Medical and Health Care Fair, G7 Kobe Health Ministers' Meeting
Osaka ↔ Kobe (Car)

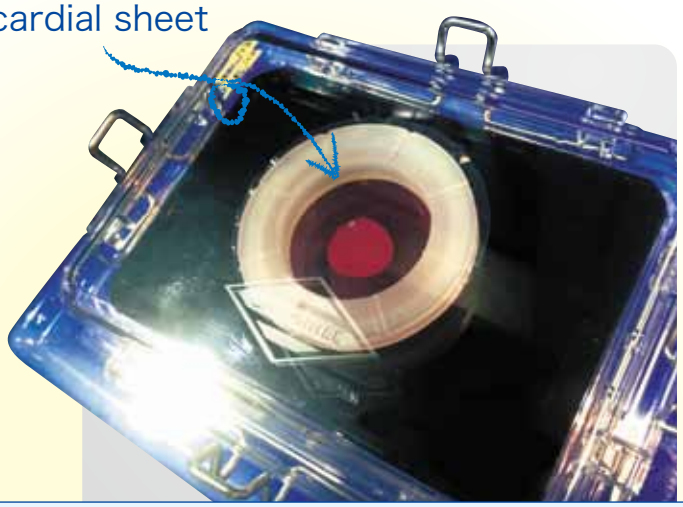
October: Regenerative Medicine Japan
Osaka ↔ Yokohama (Japan Railways)

2017

June: International Society for Stem Cell Research (ISSCR)
Osaka ↔ San Francisco ↔ Boston (Airplane)

November: Stem Cell Society Singapore (SCSS)
Osaka ↔ Malaysia ↔ Singapore (Airplane)

iPS cell-derived myocardial sheet



Watch how the myocardial sheet pulsates by scanning the QR code on the right.

## iP-TEC® successfully offsets the harsh vibrations associated with baggage handling

While returning from overseas exhibitions (Boston, Singapore), we analyzed the vibration data from the logger attached to the tertiary container to find that the container had gone through harsh impacts and vibrations during loading and unloading from the airplane. However, thanks to iP-TEC®'s technology, the primary container is filled with culture solution without any bubbles inside, and the iP-TEC® secondary container stabilizes and retains the primary container, leaving the myocardial sheet intact.
In addition, we analyzed the temperature logger attached to inside of the secondary container and found out that the temperature-controlled transport box, composed of iP-TEC® heat storage materials and an iP-TEC® Premier BOX V-8.5, had maintained temperature very stably and contributed to successful transportation.