[Reference Translation]

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Announcement Regarding the Successful Bid for JAXA General Competitive Bidding "Production of Grand Model and Flight Model for Cell Biology Experiment Facility: Quick Connect Disconnect Device (QCD)"

HIROSHIMA, JAPAN – May 10, 2024- JMS Co., Ltd., (President: Ryuji Katsura, hereinafter called “JMS”), today announced that JMS successfully won the tender of "Production of Grand Model and Flight Model for Cell Biology Experiment Facility: Quick Connect Disconnect Device (QCD)" through the general competitive bidding held by Japan Aerospace Exploration Agency (hereinafter called "JAXA").

JMS’ product of Closed System Drug Transfer Device named "NEOSHIELD" (hereinafter called "NEOSHIELD") contributes to the safe preparation of anticancer drugs in the medical field. JMS judged that the distinctive technology of "NEOSHIELD" could be applied to the exchange of cell culture media in space and conducted the modification for developing the product to meet the specifications of design for cell biology experiment facility: Quick Connect Disconnect Device (hereinafter "QCD") required by JAXA.

<Features of "NEOSHIELD">

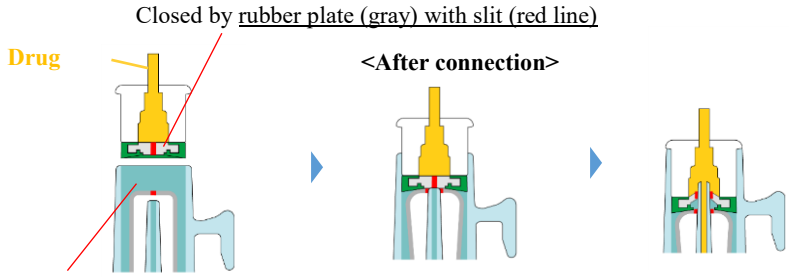
- Closed System
  This system prevents any contamination and mixture from the external environment or leakage to the external environment by preventing the chemicals from contacting with the external air when connecting or disconnecting the flow paths.

- Simplified Operation
  This system enhances safety through the intuitive operation for connection and disconnection.

Connection part of NEOSHIELD

[Closed connection mechanism]

<Before connection>

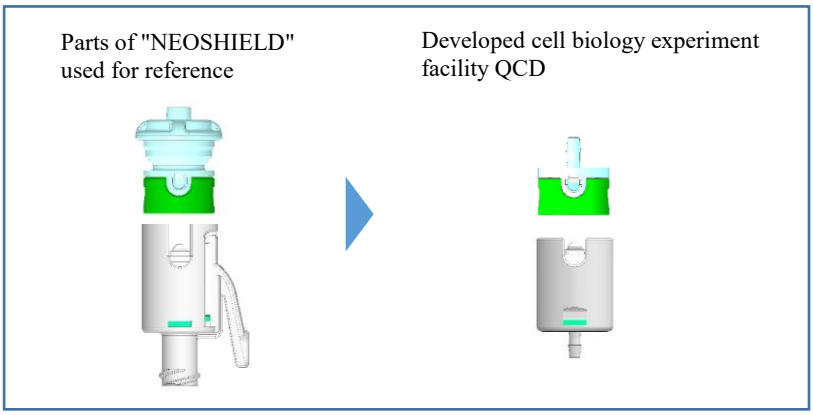


The tip of the connection side is covered with rubber (gray) with slit (red line)

The mechanism keeps the rubber plate and the slit of the rubber cover adhered and does not open until connecting.

Based on the design of "NEOSHIELD," JMS completed the production of the engineering model with the basic design of the QCD specification for cell biology experiment facility required by JAXA to collect data for proceeding to the detailed design phase. JMS has now successfully won and signed the contract for the production of the ground model and flight model, which is the next stage of the project

< Designing key aspect of the Engineering Model>
- Miniaturized to be fit for the limited area of experiment on space station.
- Modified specifications to adjust to the structure of cell biology experiment facility used at JAXA.
- Maintaining the quality of the function of closed system at the same level of medical device.



JAXA has selected two research projects in the field of regenerative medicine to demonstrate the technology of the cell biology experiment facility aiming to launch and space experiments after January 2026. QCD produced by JMS will be used in these research projects. JAXA is also working to increase the demand for use of the Japanese Experiment Module "Kibo" by the private sector, so it is expected that more researchers will use the QCD produced by JMS in the future.
https://humans-in-space.jaxa.jp/kibouser/subject/invitation/cell/73770.html

JMS will continue to contribute to the development of medical and scientific technology by leveraging one of its core technologies of the closed system.

※1. QCD (Quick Connect Disconnect): A mechanism to quickly and safely connect and disconnect devices.
※2. Referenced from JAXA website as follows: https://humans-in-space.jaxa.jp/faq/detail/000491.html

【Engineering Model】
A model to acquire data to confirm the design for the next detailed design step after producing based on the basic design and confirming the design validity by providing for functional, performance, and environmental tests. The model has almost the same specifications as the actual launch model, except for the quality and reliability of parts. Several models could be produced depending on the test purpose.

【Grand Model】
A model to be modified from the engineering model depending on the conditions of testing and training.

【Flight Model】
A model produced by the same design and manufacturing method as the prototype model that has passed the certification test and is actually launched into space. For this model, it is tested to confirm that it has the quality required for launch. As the design has been confirmed by the certification test, it will be tested to confirm that there are no defects caused by the manufacturing process in the receiving test by performing a simulated orbital environment test.

The forward-looking statements in this release are based on judgments made in accordance with currently available information and are subject to various potential risks and uncertainties, including major changes in social conditions. Please note that this information is current as of the date of publication and is subject to change in the future.
Although it contains information on medical devices and pharmaceuticals, this information is intended for the press, shareholders, investors, and others, and is not intended to solicit customers or provide medical advice.

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