Development of novel pharmaceutical dosage forms friendly to children and the elderly for their happiness ○ Rika Takejima,¹ Yusuke Hattori,¹ Eiji Hayakawa,²Satoru Managaki,¹ Masayuki Ashizawa,³ Makoto Otsuka,¹ 1 Musashino University, 2 Fuji Capsule Co, 3. SSCI Research Institute

Orally administered medications such as tablets and capsules are the most convenient and reliable medicine administration method, but those are not easy to take these solid preparations for children and elderly.

So, we designed a quickly disintegrating seamless capsule, and the dosage form was made that they could easily take medicine.

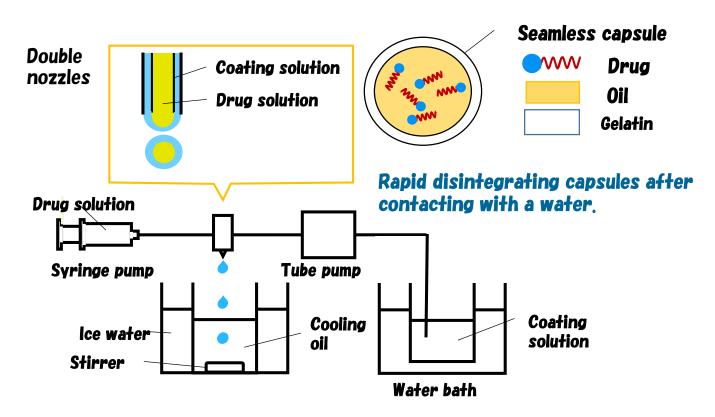


Fig 1. Seamless capsule manufacturing apparatus using double nozzles

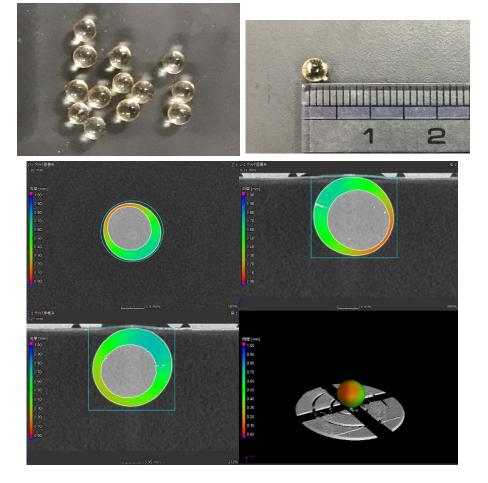


Fig 2. Seamless capsule manufacturing apparatus using double nozzles by X-ray CT.