

**<Moldcare Research Paper List>**  
**Colorectal Cancer**

Year/Month	Magazine, Publication, Media or Event	Title	Authors	Part of the Body / Case	Equipment / Treatment Method	Patient Positioning Device set up used during Research
2018/12	Cancer Science Volume 110, Issue 1	<a href="#"><u>Single fraction carbon ion radiotherapy for colorectal cancer liver metastasis: A dose escalation study</u></a>	Hirokazu Makishima, Shigeo Yasuda, Yuka Isozaki, Goro Kasuya, Naomi Okada, Masaru Miyazaki, Osama Mohamad, Naruhiro Matsufuji, Shigeru Yamada, Hiroshi Tsuji, corresponding author Tadashi Kamada, and the Liver Cancer Working Group	Rectal	Carbon Ion Radiotherapy	<b>Moldcare</b> + Kuraray Shellfitter thermoplastic
2021/10	Annals of Surgical Oncology 2022, 29 (1)	<a href="#"><u>Carbon Ion Radiotherapy for Locally Recurrent Rectal Cancer of Patients with Prior Pelvic Irradiation</u></a>	Shigeru Yamada, Hirotohi Takiyama, Yuka Isozaki, Makoto Shinoto, Daniel K. Ebner, Masashi Koto, Hiroshi Tsuji, Hideaki Miyauchi, Mitsugu Sekimoto, Hideki Ueno, Michio Itabashi, Masataka Ikeda, Hisahiro Matsubara and for the Working Group on Locally Recurrent Rectal Cancer	Rectal	Carbon Ion Radiotherapy	<b>Moldcare</b> + Kuraray Shellfitter low-temperature thermoplastic shell
2023/01	Journal of Radiation Research Volume 64, No. 1	<a href="#"><u>Comparison of dosimetries of carbon-ion pencil beam scanning, proton pencil beam scanning and volumetric modulated arc therapy for locally recurrent rectal cancer</u></a>	Shinichiro Mori, Tapesh Bhattacharyya, Wataru Furuichi, NaokiTohyama, AkihiroNomoto, Makoto Shinoto, Hirotohi Takiyama and Shigeru Yamada	Rectal	Carbon Ion Radiotherapy	<b>Moldcare</b> + Kuraray Shellfitter low-temperature thermoplastic shell