

<MOLDCARE Research Paper List>
IMRT & VMAT (Head & Neck)

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
2003/09	Radiotherapy and Oncology 68.2(2003):137-148. Web	Set-up improvement in head and neck radiotherapy using a 3D off-lineEPID-based correction protocol and a customised head and neck support	Emile N.J. Th. van Lin, Lisette van der Vight, Henk Huizenga, Johannes H.A.M. Kaanders, Andries G. Visser	Head & Neck	IMRT, 3D-CRT	Moldcare + Orfit thermoplastic mask
2005/06	Radiotherapy and Oncology 76(2)	510 Head and Neck IMRT always need better precision	R. Garcia, M. Alfonsi, V. Bodez, L. VialInstitut Sainte Catherine, Avignon, France	Head & Neck	IMRT	Moldcare
2007/12	Radiation Oncology 2	Dosimetric comparison between coplanar and non coplanar field radiotherapy for ethmoid sinus cancer	Antoine Serre, Katia Idri, Pascal Fenoglietto, Norbert Ailleres, Lore Santoro, Claire Lemanski, Renaud Garrel, Marc Makeieff, Ali Allaw, Jean-Bernard Dubois & David Azria	Ethmoid Sinus	IMRT	Moldcare + 5 point thermoplastic mask
2008/06	Journal of Applied Clinical Medical Physics Volume 9, Issue 3	Clinical experience of the importance of daily portal imaging for head and neck IMRT treatments	Laurence E Court, Luciant Wolfsberger, Aaron M Allen, Steven James, Roy B Tishler	Head & Neck	IMRT	Moldcare + Civco Head-Neck-shoulder thermoplastic immobilization system S-Type
2016/04	Journal of Medical Radiation Sciences	Medical Imaging Challenges of Today	Denise Elliott, Lindsay Batty-Smith	Head & Neck	VMAT	Moldcare
2017/04	Radiation Oncology 12	Setup errors in patients with head-neck cancer (HNC) treated using the Intensity Modulated Radiation Therapy (IMRT) technique: how it influences the customised immobilisation systems, patient's pain and anxiety	Massimiliano Contesini, Monica Guberti, Roberta Saccani, Luca Braglia, Cinzia Iotti, Andrea Botti, Emilio Abbati & Marina Iemmi	Head & Neck	TomoTherapy® / IMRT	Moldcare (HN 1) + Qfix Acquaplast RT® Fibreplast™ 5 point Thermoplastic mask
2019/05	10.7759/cureus.4637	Clinical Outcomes of Spatially Fractionated GRID Radiotherapy in the Treatment of Bulky Tumors of the Head and Neck	J. Isabelle Choi, Janeen Daniels, Dane Cohen, Ying Li, Chul S. Ha, Tony Y. Eng	Head & Neck	IMRT	Moldcare + Orfit head and neck mask

<MOLDCARE Research Paper List>
IMRT & VMAT (Breast)

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
2015/10	Radiation Oncology 10	<u>Feasibility of accelerated partial breast irradiation with volumetric-modulated arc therapy in elderly and frail patients</u>	Olivier Riou, Pascal Fenogletto, Céline Bourcier, Olivier Lauche, Fatiha Boulbair, Marie Charissoux, Angélique Ducteil, Norbert Aillères, Claire Lemanski & David Azria	Breast	VMAT	Moldcare + arm and knee support
2021/07	Journal of Radiation Research, Volume 62, Issue 4	<u>Dosimetric impact of rotational setup errors in volumetric modulated arc therapy for postoperative cervical cancer</u>	Katsutomo Tsujii, Yoshihiro Ueda, Masaru Isono, Masayoshi Miyazaki, Teruki Teshima, Masahiko Koizumi	Cervical	IMRT, VMAT	Moldcare

<MOLDCARE Research Paper List>
IMRT & VMAT (Others)

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
2019/07	The 38 th ESTRO Conference Poster Session	<u>Patients' experiences with whole body irradiation using Tomotherapy</u>	Petronella Lannerheim Saure, Carola Hagström and Anette Löfgren	Whole Body	Tomo Therapy / Total Body Irradiation	Moldcare + Orfit (5-point open-face thermoplastic mask) with large vacuum cushion
2021/08	ESTRO Conference Session	<u>Procedure for total body irradiation (TBI) with Helical Tomotherapy</u>	Carlos Ferrer, Concepción Huertas, Rodrigo Plaza, Patricia de la Monja, Cristina Mínguez, David García, Alejandro Aznar, Moisés Sáez	Total Body	TomoHD™ / Total Body Irradiation	Moldcare + Thermoplastic mask