

<MOLDCARE Research Paper List> Head & Neck (general)

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
2001/11	Radiation Oncology Biology Physics Volume 51	Hypofractionated Stereotactic Radiotherapy (HSRT) alone without whole brain irradiation for solitary and oligo brain metastatic patients using non-invasive fixation of skull	H. Aoyama, H. Shirato, R. Onimaru, K. Miyasaka	Brain	Hypofractionated Stereotactic Radiotherapy	Moldcare + Thermoplastic mask
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 Fenoglio, 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
2008/02	International Journal of Radiation Oncology Biology Physics Volume 70, Issue 2	L-[METHYL-11C] Methionine Positron Emission Tomography for Target Delineation in Malignant Gliomas: Impact on Results of Carbon Ion Radiotherapy	Pawinee Mahasittiwat, Jun-etsu Mizoe, Azusa Hasegawa, Hiroyuki Ishikawa, Kyosan Yoshikawa, Hideyuki Mizuno, Takeshi Yanagi, Ryou Takagi, Pittayapoom Pattaranutaporn, Hirohiko Tsujii	Brain	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
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 + Civo Head-Neck-shoulder thermoplastic immobilization system S-Type
2009/8	Journal of Neuro-Oncology 2010 Mar	Optically-guided frameless linac-based radiosurgery for brain metastases: clinical experience	Sameer K Nath, Joshua D Lawson, Jia-Zhu Wang, Daniel R Simpson, C Benjamin Newman, John F Alksne, Arno J Mundt, Kevin T Murphy	Brain	SRS	Moldcare
2010/09	Medical Physics	Characterization of a real-time surface image-guided stereotactic positioning system	Jean L. Peng, Darren Kahler, Jonathan G. Li, Sanjiv Samant, Guanghua Yan, Robert Amdur, and Chihray Liu	Head & Neck	Surface Image-Guided Stereotactic Positioning System	Moldcare
2010/10	Radiation Oncology 5	Carbon ion radiotherapy for basal cell adenocarcinoma of the head and neck: preliminary report of six cases and review of the literature	Keiichi Jingu, Azusa Hasegawa, Jun-Etsu Mizo, Hiroki Bessho, Takamichi Morikawa, Hiroshi Tsuji, Hirohiko Tsujii & Tadashi Kamada	Tongue, Ethmoid Sinus, Temporal Skin, Ear and Buccal	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2011/04	Journal of Applied Clinical Medical Physics Volume 12, Issue 3	Dosimetric consequences of rotational setup errors with direct simulation in a treatment planning system for fractionated stereotactic radiotherapy	Jean L. Peng, Chihray Liu, Yu Chen, Robert J. Amdur, Kenneth Vanek, Jonathan G. Li	General Head & Neck	Fractionated Stereotactic Radiotherapy, IMRT	Moldcare + Bionix thermoplastic mask
2011/06	International Journal of Radiation Oncology Biology Physics Volume 83, Issue 1	Experience With Carbon Ion Radiotherapy for WHO Grade2 Diffuse Astrocytomas	Azusa Hasegawa, Jun-Etsu Mizoe, Hirohiko Tsujii, Tadashi Kamada, Keiichi Jingu, Yasuo Iwadate, Youichi Nakazato, Masao Matsutani, Kintomo Takakura, Organizing Committee of the Central Nervous System Tumor Working Group	Brain	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2012/04	International Journal of Radiation Oncology Biology Physics Volume 82, Issue 5	Carbon Ion Radiation Therapy Improves the Prognosis of Unresectable Adult Bone and Soft-Tissue Sarcoma of the Head and Neck	Keiichi Jingu, Hirohiko Tsujii, Jun-Etsu Mizoe, Azusa Hasegawa, Hiroki Bessho, Ryo Takagi, Takamichi Morikawa, Morio Tonogi, Hiroshi Tsuji, Tadashi Kamada, Shogo Yamada, Organizing Committee for the Working Group for Head-and-Neck Cancer	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2013/09	Travail de Bachelor	Effets du discours TRM lors de la prise en charge d'un patient en radio-oncologie	Mehdi Merabet, Alexandre Del Castillo	Head & Neck		Moldcare
2014/04	Radiation Oncology 9, 92	Effects of the dose-volume relationship on and risk factors for maxillary osteoradionecrosis after carbon ion radiotherapy	Go Sasahara, Masashi Koto, Hiroaki Ikawa, Azusa Hasegawa, Ryo Takagi, Yoshitaka Okamoto & Tadashi Kamada	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2014/04	Radiation Oncology 9	Effects of the dose-volume relationship on and risk factors for maxillary osteoradionecrosis after carbon ion radiotherapy	Go Sasahara, Masashi Koto, Hiroaki Ikawa, Azusa Hasegawa, Ryo Takagi, Yoshitaka Okamoto & Tadashi Kamada	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter thermoplastic mask
2014/06	Technology in Cancer Research and Treatment Volume 13, Number 3	Immobilization Considerations for Proton Radiation Therapy	Andrew J. Wroe, David A. Bush, Jerry D. Slater	Head & Neck	Proton Therapy	Moldcare + Qfix kVue platform
2014/08	Translational Cancer Research Vol 3, No 4	Initial clinical experience with surface image guided (SIG) radiosurgery for trigeminal neuralgia	Anthony J. Paravati, Ryan Manger, Jasmine D. Nguyen, Sofia Olivares, Gwe-Ya Kim, Kevin T. Murphy	Trigeminal Neuralgia	SGRT	Moldcare + CIVCO Type-S Voard + Thermoplastic open faced Mask
2014/10	Radiotherapy and Oncology 113 (1)	Feasibility of carbon ion radiotherapy for locally advanced sinonasal adenocarcinoma	Masashi Koto, Azusa Hasegawa, Ryo Takagi, Go Sasahara, Hiroaki Ikawa, Jun-etsu Mizoe, Keiichi Jingu, Hirohiko Tsujii, Tadashi, Kamada, Yoshitaka Okamoto, Organizing Committee for the Working Group for Head-and-Neck Cancer	Sinonasal	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2014/12		Neck Pain Due To Undetected Metastatic Lung Adenocarcinoma	Llumiguano, Carlos, Arregui, Elena, Borrás, José Maria, Villa, José Carlos, Gonzalez, Lucia	Head & Neck		
2015/03	écho Vol.35 P27	Le traitement du cancer de l'ORL	Marie-Ève Bérubé t.r.o. et Anne-Julie Rancourt-Poulin t.r.o.	Ear, Nose and Throat		Moldcare
2015/09	Journal of Applied Clinical Medical Physics Volume 16, Issue 5	Utilization of optical tracking to assess efficacy of intracranial immobilization techniques in proton therapy	Wen C. His, Andries N. Schreuder, Omar Zeidan	Brain	Proton Therapy	Moldcare + Qfix Aqua-plastic masks, Base-of-Skull (BoS) headframe-supine
2015/10	PLOS ONE	Prediction of Acute Radiation Mucositis using an Oral Mucosal Dose Surface Model in Carbon Ion Radiotherapy for Head and Neck Tumors	Atsushi Mushi ,Hirofumi Shimada, Katsuyuki Shirai, Jun-ichi Saitoh, Satoshi Yokoo, Kazuaki Chikamatsu, Tatsuya Ohno, Takashi Nakano	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter thermoplastic shell

Remarks: Descriptions on this list are based on the original papers.

2016/04	Journal of Medical Radiation Sciences	Medical Imaging Challenges of Today	Denise Elliott, Lindsay Batty-Smith	Head & Neck	VMAT	Moldcare
2016/10	Anticancer Research October 2016, 36 (10)	Radiation-induced Parotid Gland Atrophy in Patients with Head and Neck Cancer After Carbon-ion Radiotherapy	Takamichi Morikawa, Masashi Koto, Azusa Hasegawa, Ryo Takagi, Akira Fujikawa, Hiroshi Tsuji, Takahiko Shibahara and Tadashi Kamada	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter low-temperature thermoplastic shell
2016/10	Journal of Medical Case Reports 10	Oral mucosal melanoma treated with carbon ion radiotherapy: a case report	Atsushi Musha, Jun-ichi Saitoh, Katsuyuki Shirai, Satoshi Yokoo, Tatsuya Ohno & Takashi Nakano	Oral Mucosal Melanoma	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter thermoplastic shell
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
2017/05	ESTRO 2017 Poster Session	Comparison of the accuracy of different pillow for radiation therapy of head and neck cancer. A Prospective Randomized Trial	Chun-Yen Lin, ChienYu Lin, Kang-Hsing Fan, Wan-Hsuan Yu, Hwei-Chen Wu, Chien-Hui Chen, MinWen Hsieh, Joseph Tung-Chieh Chang	Head & Neck		Moldcare
2017/07	Radiotherapy and Oncology 123 (2017)	Supine craniospinal irradiation in pediatric patients by proton pencilbeam scanning	Paolo Farace, Nicola Bizzocchi, Roberto Righetto, Francesco Fellin, Francesco Fracchiolla, Stefano Lorentini, Lamberto Widesott, Carlo Algranati, Barbara Rombi, Sabina Vennarini, Maurizio Amichetti, Marco Schwarz	Brain	Proton Pencil Beam Scanning	Moldcare + Qfix kVue Standard Insert + Civco Type-S Overlay Proton + Civco MDA Proton Type S-Mask
2017/07	Journal of Applied Clinical Medical Physics	Practical considerations of linear accelerator - based frameless extracranial radiosurgery for treatment of occipital neuralgia for nonsurgical candidates	Travis R. Denton, Lisa B.E. Shields, Jonathan N. Howe, Todd S. Shanks and Aaron C. Spalding	Occipital	SRS	Moldcare + Frameless SRS Mask Set Extended, Brainlab
2017/11	Journal of Medical Physics Volume 42, Issue 5	Evaluation of Intrafractional Setup Errors in Frameless SRS Computed Using Optical Surface Monitoring System & CBCT	P. T. Patwe, V. Mhatre, A. Nachankar, P. Dandekar	Head & Neck	SRS	Moldcare + Q-fix Aquaplast mask + Portrait Head & Neck base plate + Silverman head support
2018/01	Journal of Applied Clinical Medical Physics Volume 19, Issue 1	Minimal mask immobilization with optical surface guidance for head and neck radiotherapy	Bo Zhao, Genevieve Maquilan, Steve Jiang, David L. Schwartz	Head & Neck	Vision RT AlignRT / SGRT	Moldcare + Qfix RT-1876KSDGLF openview thermoplastic mask
2018/01	Radiology and Oncology Volume 52	An evaluation of the ICON® mask fixation: curing characteristics of the thermoplastic fixation and implications for patient workflow	Samendra Prasad, Matthew Podgorsak, Robert Plunkett, Dheerendra Prasad	Head & Neck	Elekta Leksell Gamma Knife ICON / Hypo-fractionation	Moldcare + Elekta ICON Nanor® mask
2018/05	Radiation & Oncology Volume 127, Issue 3	Evaluation of a magnetic resonance guided linear accelerator for stereotactic radiosurgery treatment	Ning Wen,a, Joshua Kim, Anthony Doemer, Carri Glide-Hurst, Indrin J. Chetty, Chang Liu, Eric Laugeman, Ilma Xhaferllari, Akila Kumarasiri, James Victoria, Maria Bellon, Steve Kalkanis, M. Salim Siddiqui, and Benjamin Movsas	Head & Neck	ViewRay MRIdian Linac system / MR-Linac	Moldcare + thermoplastic mask with standard head rest
2018/09	Frontiers in Oncology 04	Comparison of Skull Motions in Six Degrees of Freedom Between Two Head Supports During Frameless Radiosurgery by CyberKnife	Chen-Lin Kang, Shyh-Chang Liu, Jui-Chu Wang, Kuan-Cho Liao, Yu-Jie Huang, Fu-Min Fang, Tsung-I Liao, Kuo-Jung Juan, Chun-Chieh Huang	Head & Neck	Accuray CyberKnife M6 system	Moldcare + CIVCO U-frame mask + Silverman head support
2019/02	Radiation Oncology 14	A step towards international prospective trials in carbon ion radiotherapy: investigation of factors influencing dose distribution in the facilities in operation based on a case of skull base chordoma	G. Vogin, A. Wambersie, M. Koto, T. Ohno, M. Uhl, P. Fossati & J. Balosso on behalf of ULICE WP2 working group	Skull	Carbon Ion Radiotherapy	Japan - Moldcare + 3mm non-perf thermoplastic mask+vac Bag for body, Germany- 3pt mask+ standard head support+dental splint
2019/07	Radiotherapy and Oncology Volume 136	Feasibility of Re-irradiation using carbon ions for recurrent head and neck malignancies after carbon-ion radiotherapy	Kazuhiko Hayashi, Masashi Koto, Hiroaki Ikawa, Yasuhito Hagiwara, Hiroshi Tsuji, Kazuhiko Ogawa, Tadashi Kamada	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter 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
2019/12	Radiotherapy and Oncology Volume 141	Dosimetric parameters predictive of nasolacrimal duct obstruction after carbon-ion radiotherapy for head and neck carcinoma	Nobuteru Kubo, Yoshiki Kubota, Hidemasa Kawamura, Takahiro Oike, Makoto Sakai, Takuya Kumazawa, Yuhei Miyasaka, Shohei Okazaki, Daijiro Kobayashi, Hiro Sato, Tatsuji Mizukami, Atsushi Musha, Katsuyuki Shirai, Jun-ichi Saitoh, Satoshi Yokoo, Kazuaki Chikamatsu, Tatsuya Ohno, Takashi Nakano	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter thermoplastic shells+ mouth piece
2020/07	2020 AAPM-COMP ePoster	Assessing Improvement in Setup Reproducibility for Head and Neck Patients Following 2 Cycles of Process Improvement	A Heikal, B Aboughoche, M Brennan, H Warkentin, Cross Cancer Institute, Edmonton, AB, Canada	Head & Neck	IGRT by Cone Beam CT	Moldcare or standard headrest
2020/08	Journal of Applied Clinical Medical Physics Volume, Issue 9	Validation of PTV margin for Gamma Knife Icon frameless treatment using a PseudoPatient® Prime anthropomorphic phantom	Eun Young Han, Parmeswaran Diagaradjane, Dershan Luo, Yao Ding, Georgios Kalaitzakis, Emmanouil Zoros, Kyveli Zourari, Themistoklis Boursianis, Evangelos Pappas, Zhifei Wen, Jihong Wang, Tina Marie Briere	Brain	Elekta Gamma Knife Icon	Moldcare
2021/01	Journal of Cancer Research and Therapeutic	Robustly optimized hybrid intensity-modulated proton therapy for craniospinal irradiation	Noufal M P, ShamurailatpamDayananda Sharma, Ganapathy Krishnan, Mayur Sawant, Utpal Gaikwad Rakesh Jalali	Craniospinal	Proton Therapy	Moldcare + head-and-neck thermoplastic mask and body vaclock cradle
2021/04	International Journal of Particle Therapy Volume 8, Issue 2	Intensity-Modulated Proton Therapy for Nasopharynx Cancer: 2-year Outcomes from a Single Institution	Vonetta M. Williams, Upendra Parvathaneni, George E. Laramore, Saif Aljabab, Tony P. Wong, Jay J. Liao	Nasopharynx	Proton Therapy	Moldcare + Qfix head, neck, and shoulder thermoplastic mask, BoS table
2021/12	ROENTGEN -Vol. 2, No. 2	MR-ONLY como imagem de referência na verificação do posicionamento em Radioterapia MR-ONLY as a reference image in verifying positioning in Radiotherapy	Centro Clínico Champalimaud, Escola Superior de Tecnologia da Saúde de Lisboa, Centro Clínico Champalimaud	Head & Neck	CT, MR	Moldcare + Q-fix® (Assure™ open view split U-frame)

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2022/02	Zeitschrift für Medizinische Physik Volume 32, Issue 1	Evaluation of the inter- and intrafraction displacement for head patients treated at the particle therapy centre MedAustron based on the comparison of different commercial immobilisation devices	Andrea Zechner a, Ingrid Ziegler b, Eugen Hug a, Carola Lütgendorf-Caucig a, Markus Stock a	Head	Particle Therapy	Moldcare + Qfix BoS™ Headframe, Qfix Fiberplast™ thermoplastic mask and Klarity Green™ thermoplastic mask, Elekta headstep + headstep fixed pillow + icast mask
2022/02	Cancer/Radiothérapie Volume 26, Issues 1-2	Management and work-up procedures of patients with head and neck malignancies treated by radiation	V. Grégoire, S. Boissbouvier, P. Giraud, P. Maingon, Y. Pointreau, L. Vieillevigine	Head & Neck		Moldcare
2022/03	Anticancer Research March 2022, 42 (3)	Carbon-ion Radiotherapy for Inoperable Head and Neck Bone and Soft-tissue Sarcoma: Prospective Observational Study	Atsushi Musha, Nobuteru Kubo, Hidemasa Kawamura, Naoko Okano, Hiro Sato, Kohei Okada, Naoto Osu, Hikaru Yumisaki, Akiko Adachi, Yukihiko Takayasu, Masato Shino, Osamu Nikkuni, Shota Ida, Katsuyuki Shirai, Jun-ichi Saitoh, Satoshi Yokoo, Kazuaki Chikamatsu, Tatsuya Ohno and Working Group on Head and Neck Tumors	Head & Neck	Carbon Ion Radiotherapy	Moldcare + Kuraray Shellfitter thermoplastic mask
2022/05	Journal of Applied Clinical Medical Physics Volume 23, Issue 5	Onboard cone-beam CT-based replan evaluation for head and neck proton therapy	Alexander Stanforth, Liyong Lin, Jonathan J. Beitler, James R. Janopaul-Naylor, Chih-Wei Chang, Robert H. Press, Sagar A. Patel, Jennifer Zhao, Bree Eaton, Eduard E. Schreibmann, James Jung, Duncan Bohannon, Tian Liu, Xiaofeng Yang, Mark W. McDonald, Jun Zhou	Head & Neck	Intensity-Modulated Proton Therapy (IMPT)	Moldcare + Orfit HP PRO Base Plates with 5 point masks
2022/06	Radiation Oncology 17	Encouraging early outcomes with image guided pencil beam proton therapy for crano-spinal irradiation: first report from India	Utpal Gaikwad, M. P. Noufal, Jacinthlyn Sylvia, Ashok K. Reddy, Pankaj Kumar Panda, Srinivas Chilukuri, Dayananda Sharma & Rakesh Jalali	Craniospinal	Pencil Beam Proton Beam Therapy	Moldcare + Qfix Fiberplast thermoplastic mask
2022/07	Cancers 2022, 14	Zero Setup Margin Mask versus Frame Immobilization during Gamma Knife® Stereotactic Radiosurgery for Brain Metastases	Tugce Kutuk, Rupesh Kotecha, Ranjini Tolakanahalli, D Jay J. Wiczorek, Yongsook C. Lee, Manmeet S. Ahluwalia, Matthew D. Hall, Michael W. McDermott, Haley Appel, Alonso N. Gutierrez, Minesh P. Mehta and Martin C. Tom	Brain	Stereotactic Radiosurgery (SRS)	Moldcare + Elekta Icon Mask Nanor
2022/08	The Pan African Medical Journal 2022; 42	Stereotactic radiosurgery with Cyberknife®: first case in the United Arab Emirates (a case report)	Nandan Maruti Shanbhag, Christos Antypas, Abdul Karim Msaddi, Teekendra Singh, Sinead Catherine Murphy and Benjie Baguitan	Brain	Stereotactic Radiosurgery (SRS)	Moldcare
2022/09	Technical Innovations & Patient Support in Radiation Oncology	Standard Operating Procedure (SOP) for mould room practices and simulation of head neck cancer patients undergoing proton therapy	Utpal Gaikwad, Minnal Mookaiah, S. Karthekeyan, Manoj Wakde, M.P. Noufal, Srinivas Chilukuri, Dayananda Sharma, Rakesh Jalali, Sapna Nangia	Head & Neck	Proton Therapy	Moldcare + Qfix Fiberplast BoS
2023/02	Journal of Applied Clinical Medical Physics	Commissioning, clinical implementation, and initial experience with a new brain tumor treatment package on a low-field MR-linac	Karen Chin Snyder, Weihua Mao, Joshua P. Kim, Justine Cunningham, Indrin J. Chetty, Salim M. Siddiqui, Parag Parikh, Jennifer Dolan	Brain	MR-Linac	Moldcare + Orfit thermoplastic SRS-Fix Mask system
2023/06	Technical Innovations & Patient Support in Radiation Oncology	A prospective randomized study comparing two frameless immobilization systems for cranial stereotactic radiotherapy	Dylan Callens, Chahrazad Benazzouz, Lise Stessens, Wout Piot, An Nulens, Maarten Lambrecht, Patrick Berkovic, Jean-François Daisne	Cranial	Stereotactic Radiotherapy (SRS)	Moldcare + Encompass System
2023/06	Proceedings to the 61st Annual Conference of the Particle Therapy Cooperative Group	O 156 - Patterns of practice of image-guided particle therapy for crano-spinal axis irradiation: A site-specific multi-institutional survey of European Particle Therapy Network	Medical University of Vienna, Department of Radiation Oncology, Wien, Austria: Paul Scherrer Institute, Center for Proton Therapy, Villigen, Switzerland: University Hospital Carl Gustav Carus, Proton Therapy Center, Dresden, Germany	Cranial	Particle Therapy	Moldcare
2024/01	White Paper	Clinical application of the Accuform Shim on the Solstice SRS System for SRS treatment delivery	C.L. Ong, K. Hunnago, E. Franken	Head & Neck	SRS	Moldcare + Accuform Shim + Solstice SRS System
2024/02	Presentation	L'utilisation de la radiothérapie guidée par la surface chez les patients avec cancer ORL présentant une anxiété du masque : données préliminaires et projet pilote	Marie-Ève Pelland, Ph.D., Jean-Luc Ley, Ph.D., Martin Lebeau, TRO, Arthur Lalonde, Ph.D., Houda, Bahig, M.D., Ph.D., Phuc-Felix Nguyen-Tan, M.D., Édith Filion, M.D., Brian O'sullivan, M.D., Stephane Bedwani, Ph.D.	Head & Neck	SGRT	Moldcare
2024/03	Technology in Cancer Research & Treatment March 2024 23(359)	Patient Cranial Angle and Intrafractional Stability in CyberKnife Robotic Radiosurgery: A Retrospective Analysis	Chen Lin Kang, Ya-Yu Huang, Yi-Ren Chen, Shu-Huei Tsai, Chun-Chieh Huang, Yu-Jie Huang	Head & Neck	CyberKnife	Moldcare + Civco Silverman headrest + Thermoplastic Mask
2024/06	UKIO 2024 Abstract Book	P113 Determination of efficacy patient set-up with the use of different headrests with Encompass mask for SRS treatments with HyperArc.	Miss Catherine Kelly, Nicola Rankin, Mr Robert Brass1	Head & Neck	SRS	Moldcare + Encompass mask
2024/07	Poster	Impact of handgrips on head and neck set-up reproducibility	Joy Franklin1, Alexandra Quinn, Danielle Chrystal, Toby Lowe Northern Sydney Cancer Centre, Sydney, Australia, The University of Sydney, Sydney, Australia	Head & Neck		Moldcare
2024/06	SGRT USA, June 2024	Use of Surface Guidance in the Pediatric Setting	Alisha Chlebik, B.S., R.T.(T.) at Children's Hospital Los Angeles	Head & Neck	SGRT	Moldcare + AlignRT
2024/09	Journal of Biological Methods	Evaluation of positioning accuracy in head-and-neck cancer treatment: A cone beam computed tomography assessment of three immobilization devices with volumetric modulated arc therapy	Noor Mail, Khalid M Alshamrani, Rab Nawaz Lodhi, Eman Khawandanh, Amani Saleem, Batoor Khan, Majed Alghamdi, Mohammed Nadershah, Majid S Althaqafy, Ahmed Subahi, Suliman M Alghamdi	Head & Neck	IGRT	Moldcare
2025/09	Technical Innovations & Patient Support in Radiation Oncology September 2025 Volume 35	Insights from initial experience for nasopharyngeal carcinoma patients treated with proton therapy	S.Y. Sin, S.N. Chen, Y.L. Soong, H.Q. Tan	Nasopharyngeal	Proton	Moldcare + Orfit HP Pro Solution + HP PRO® Nanor mask
2026/02	Technical Innovations & Patient Support in Radiation Oncology February 2026 Volume 37	Accuracy and workflow efficiency of surface-guided open-face vs. closed-face masks in SRT/SRS for brain metastases	Stephen Obenaa, Katia Alvesa, Daniel R. Zwahlena, Alessandro Cliviob Alessandro, Joana C.A. Gomesa, Christoph Oehlera	Brain	SRS	Moldcare + CIVCO Solstice System

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<Case Report>

2022/10	Case Report (UK)	Moldcare Review	Nicola White Dosimetrist and Mould room Lincoln County Hospital	Head & Neck	VMAT	Moldcare (HN E and HN UT)
2022/12	Case Report (UK)	An evaluation of Moldcare product as an immobilization Head Rest for Head & Neck cancer patients	UK NHS Site	Head & Neck	VMAT	Moldcare + Macromedics DSPS
2023/07	Case Report (France)	User Review of HN 0.5	Audrey CUGNY Centre Hospitalier de Libourne	Head & Neck	VMAT	Moldcare + Elekta mask
2023/08	Case Report (US)	Moldcare RI II Facilitates Effective Proton Treatment of Head and Neck Cancers	Corina Cuevas – Imaging Department Lead Specialist Alissa Anthony R.T.(R)(T) – Chief of Radiation Therapy Benjamin Lacombe R.T.(T) – Chief of Clinical Operations California Protons CANCER THERAPY CENTER	Head & Neck	Proton Therapy	Moldcare

<Video Presentation>

2023/01	Presentation at the Webinar, "The Importance of Customizable Support in Head and Neck Cancer Radiotherapy"	Use of & Experience with Moldcare	Rhydian Powell, Pre-Treatment Radiographer at North West Cancer Centre, U.K.	Head & Neck	General	Moldcare + Macromedics Max Support + Orfit Baseplate
2023/12	Presentation at the SGRT Community, December 2023	The Feasibility of Maskless Radiation Therapy for Head and Neck Cancer by Using Surface Guided Radiation Therapy	Abbey Adams, Radiation Therapy Treatment Unit Leader at Genesis Care North Shore/Mater, Australia	Head & Neck	SGRT	Moldcare + AlignRT
2024/06	Bitesize Course on Head & Neck treatments	Session 8: Data-Driven Immobilization: SGRT in Head & Neck Treatments	Michael Tallhamer, Chief of Medical Physics at AdventHealth Colorado	Head & Neck	SGRT	Moldcare + AlignRT
2025/08	Presentation at the SGRT Community, June 2025	MOLDCARE Enabling Maskless Radiation Therapy at Cleveland Clinic	Danae McCarthy, Cleveland Clinic Taussig Cancer Center	Head & Neck	SGRT	Moldcare + AlignRT
2025/11	Presentation at the SGRT Europe, November 2025	Launching Maskless Treatments	Crystal Sulaiman, Radiation Therapist at Hospital of Zurich	Head & Neck	SGRT	Moldcare + AlignRT
2025/11	Presentation at the SGRT Europe, November 2025	Implementing SGRT for Stereotactic Treatments: Practical Steps for a Successful Start	Joana Gomes, Chief RTT at Kantonsspital Winterthur	Head & Neck	SGRT	Moldcare + AlignRT

<Media Spotlight>

2025/08	Linkedin	How a thermoplastic mask is created for Gamma Knife radiosurgery		Head & Neck	General	Moldcare + Elekta Mask
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