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Title	Author	Year	Journal	Keywords	Link
Intrafractional motion detection for spine SBRT via X-ray imaging using ExacTrac Dynamic	Johannes Muecke	2024	Clinical and Translational Radiation Oncology	ExacTrac X-Ray / Dynamic, Intrafraction Motion, Stereotactic Body Radiotherapy (SBRT/SABR), Spine Metastasis	<a href="#">Go to article</a>
Frequency of Large Intrafractional Target Motions During Spine Stereotactic Body Radiation Therapy	Jacqueline Wu	2020	Pract Radiat Oncol.	ExacTrac X-Ray / Dynamic, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR), Intrafraction Motion	<a href="#">Go to article</a>
Clinical experience of intra-fractional motion monitoring of patients under head and neck radiotherapy using ExacTrac Dynamic system	Vivian U.Y. Chow	2023	Advances in Radiation Oncology	ExacTrac X-Ray / Dynamic, Intrafraction Motion	<a href="#">Go to article</a>
ExacTrac X-Ray 6D Imaging During Stereotactic Body Radiation Therapy of Spinal and Nonspinal Metastases	Hadj Henni A	2023	Technol Cancer Res Treat.	ExacTrac X-Ray / Dynamic, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR), Intrafraction Motion	<a href="#">Go to article</a>
Commissioning and validation of a Monte Carlo algorithm for spine stereotactic radiosurgery	Knill C	2023	J Appl Clin Med Phys.	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Brainlab Spine SRS planning and verification, comparison with CyberKnife	C. Jones	2020	Radiotherapy and Oncology	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Evaluation of a dedicated software for semi-automated VMAT planning of spine Stereotactic Body Radiotherapy (SBRT)	Dupuis P	2023	Phys Med.	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Evaluation of a novel elastic registration algorithm for spinal imaging data: A pilot clinical study	Rashad et al.	2019	Int J Med Robot	Elements Image Fusion, Elements Curvature Correction Spine, Radiotherapy Planning	<a href="#">Go to article</a>
Optimized workflow to minimise intra-fractional motion during stereotactic body radiotherapy of spinal metastases	W.M. vanNiekerk	2022	Tecnical Innovations & Patient Support in Radiation Oncology	ExacTrac X-Ray / Dynamic, Intrafraction Motion, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
PD-0435: Brainlab ExacTrac Dynamic – First pre-clinical validation of surface- and X-Ray positioning accuracy	V. Da Silva Mendes	2020	Radiotherapy and Oncology	ExacTrac X-Ray / Dynamic	<a href="#">Go to article</a>



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PO-1752 Intrafractional motion detection for spine SBRT via X-ray imaging using ExacTrac Dynamic	J. Mücke	2021	Radiotherapy and Oncology	ExacTrac X-Ray / Dynamic, Stereotactic Body Radiotherapy (SBRT/SABR), Spine Metastasis, Intrafraction Motion	<a href="#">Go to article</a>
ExacTrac Dynamic workflow evaluation: Combined surface optical/thermal imaging and X-ray positioning	Vanessa Da Silva Mendes	2022	J Appl Clin Med Phys.	ExacTrac X-Ray / Dynamic, Intrafraction Motion	<a href="#">Go to article</a>
Automatic image segmentation based on synthetic tissue model for delineating organs at risk in spinal metastasis treatment planning	Olaf Wittenstein	2019	Strahlenther Onkol.	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR), Elements Segmentation Spine	<a href="#">Go to article</a>
Evaluation of a Dedicated Software “Elements™ Spine SRS, Brainlab®” for Target Volume Definition in the Treatment of Spinal Bone Metastases With Stereotactic Body Radiotherapy	Rogé Maximilien	2022	Front Oncol.	Elements SmartBrush Spine, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR), Elements Spine SRS	<a href="#">Go to article</a>
Clinical Evaluation of an Auto-Segmentation Tool for Spine SBRT Treatment	Chen Y	2022	Front Oncol.	Elements SmartBrush Spine, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR), Elements Spine SRS	<a href="#">Go to article</a>
A dosimetric comparative analysis of Brainlab elements and Eclipse RapidArc for spine SBRT treatment planning	Garron Deshazer	2022	Biomed Phys Eng Express.	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Reduction of inter-observer differences in the delineation of the target in spinal metastases SBRT using an automatic contouring dedicated system	Niccolò Giaj-Levra	2021	Radiat Oncol.	Elements SmartBrush Spine, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR), Elements Spine SRS	<a href="#">Go to article</a>
SBRT in single or multiple spinal metastases: 36 Gy in 3 fractions given to GTV	Zunino et al.	2020	Radiocirugia (Radiocirugía)	Elements Spine SRS, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR), ExacTrac X-Ray / Dynamic, Clinical Outcome	<a href="#">Go to article</a>
Submillimeter alignment of more than three contiguous vertebrae in spinal SRS/SBRT with 6-degree couch	Wang et al.	2017	J. Appl. Clin. Med. Phys. (Journal of applied clinical medical physics)	ExacTrac X-Ray / Dynamic, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>



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Dosimetric effect of translational and rotational errors for patients undergoing image-guided stereotactic body radiotherapy for spinal metastases	Wang et al.	2008	International Journal of Radiation Oncology*Biology*Physics	ExacTrac X-Ray / Dynamic, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR), Intrafraction Motion	<a href="#">Go to article</a>
Evaluation of Elements Spine SRS Plan Quality for SRS and SBRT Treatment of Spine Metastases	Trager et al.	2020	Frontiers in oncology	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
A dosimetric analysis of a spine SBRT specific treatment planning system	Saenz et al.	2019	J. Appl. Clin. Med. Phys. (Journal of applied clinical medical physics)	Elements Spine SRS, Spine Metastasis, Radiotherapy Planning, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Dosimetric impact of intrafraction motion during RapidArc stereotactic vertebral radiation therapy using flattened and flattening filter-free beams	Ong et al.	2013	International Journal of Radiation Oncology*Biology*Physics	ExacTrac X-Ray / Dynamic, Spine Metastasis, Stereotactic Body Radiotherapy (SBRT/SABR), Intrafraction Motion	<a href="#">Go to article</a>
Feasibility and preliminary clinical results of linac-based Stereotactic Body Radiotherapy for spinal metastases using a dedicated contouring and planning system	Giaj-levra et al.	2019	Radiat Oncol (Radiation Oncology)	Elements Spine SRS, Elements SmartBrush Spine, Radiotherapy Planning, Spine Metastasis, Clinical Outcome, Elements Curvature Correction Spine, Stereotactic Body Radiotherapy (SBRT/SABR)	<a href="#">Go to article</a>
Auf einem Gewebemodell basierende automatische Bildsegmentierung zur Konturierung von Risikoorganen in der Behandlungsplanung für spinale Metastasierung	Wittenstein et al.	2019	Strahlentherapie und Onkologie : Organ der Deutschen Rontgengesellschaft ... [et al]		<a href="#">Go to article</a>
Feasibility and preliminary clinical results of linac-based Stereotactic Body Radiotherapy for spinal metastases using a dedicated contouring and planning system	Giaj-Levra et al.	2019	Radiation oncology (London, England)		<a href="#">Go to article</a>