

CONTENTS

Cited in: Chemical Abstracts, Excerpta Medica (EMBASE), Current Contents (Clinical Medicine; Life Sciences), Index Medicus (MEDLINE), Current Awareness in Biological Sciences (CABS), Full text available on ScienceDirect®

Reviews

- Practical effectiveness of re-irradiation with or without surgery for locoregional recurrence of rectal cancer: A meta-analysis and systematic review
J. Lee, C.Y. Kim, W.S. Koom, C.H. Rim (Republic of Korea) 10
- Quantifying effects of radiotherapy-induced microvascular injury; review of established and emerging brain MRI techniques
J. Klos, P.J. van Laar, P.F. Sinnige, R.H. Enting, M.C.A. Kramer, H.L. van der Weide, M.A. van Buchem, R.A.J.O. Dierckx, R.J.H. Borra, A. van der Hoorn (The Netherlands, UK) 41
- A translational concept of immuno-radiobiology
B.E. Lippitz, R.A. Harris (Sweden, Germany) 116
- Impact of adjuvant therapy on survival in patients with myoepithelial carcinoma: A systematic review and individual patient data analysis of 691 patients
P. Giridhar, P. Gupta, S. Mallick, A.D. Upadhyay, G.K. Rath (India) 125
- Stereotactic body radiation therapy with optional focal lesion ablative microboost in prostate cancer: Topical review and multicenter consensus
C. Draulans, R. De Roover, U.A. van der Heide, K. Haustermans, F. Pos, R.J. Smeenk, H. De Boer, T. Depuydt, M. Kunze-Busch, S. Isebaert, L. Kerkmeijer (Belgium, The Netherlands) 131
- Is economic status the main determinant of radiation therapy availability? The Arab world as an example of developing countries
A.G. Mousa, M.K. Bishr, L. Mula-Hussain, M.S. Zaghloul (Egypt, Saudi Arabia, Canada, United Kingdom) 182

Guidelines

- Radiotherapy for node-positive prostate cancer: 2019 Recommendations of the Australian and New Zealand Radiation Oncology Genito-Urinary group
H. Lieng, A. Kneebone, A.J. Hayden, D.R.H. Christie, B.J. Davis, T.N. Eade, L. Emmett, T. Holt, G. Hruby, D. Pryor, M. Sidhom, M. Skala, J. Yaxley, T.P. Shakespeare (Australia, USA) 68

Clinical Trials

- Postoperative adjuvant IMRT for patients with HCC and portal vein tumor thrombus: An open-label randomized controlled trial
J. Sun, L. Yang, J. Shi, C. Liu, X. Zhang, Z. Chai, W.Y. Lau, Y. Meng, S.-Q. Cheng (China, Hong Kong) 20
- Anti-epidermal growth factor receptor therapy in combination with chemoradiotherapy for the treatment of locally advanced anal canal carcinoma: Results of a phase I dose-escalation study with panitumumab (FFCD 0904)
V. Vendrely, C. Lemanski, K. Gnep, E. Barbier, F.E. Hajbi, G. Lledo, L. Dahan, E. Terrebbonne, S. Manfredi, X. Mirabel, V. Mammar, D. Cowen, C. Lepage, T. Aparicio, for FFCD investigators/Collaborators (France) 84
- Two versus five stereotactic ablative radiotherapy treatments for localized prostate cancer: A quality of life analysis of two prospective clinical trials
Y. Alayed, H. Quon, P. Cheung, W. Chu, H.T. Chung, D. Vesprini, A. Ong, A. Chowdhury, D. Panjwani, J. Helou, G. Pang, R. Korol, M. Davidson, A. Ravi, B. McCurdy, L. Zhang, A. Mamedov, A. Deabreu, A. Commisso, K. Commisso, A. Loblaw (Canada, Saudi Arabia, India) 105
- Phase II trial of preoperative sequential chemotherapy followed by chemoradiotherapy for high-risk gastric cancer
H.S. Kim, W.S. Koom, S.-E. Baek, H.-I. Kim, M. Jung, S.-H. Beom, B. Kang, H. Kim, J.S. Chang, Y.Y. Choi, T. Son, J.-H. Cheong, S.H. Noh, E.H. Kim, J.C. Park, S.K. Shin, S.K. Lee, Y.C. Lee, S.-J. Shin, H. Chung, I. Jung, H.C. Chung, J.S. Lim, W.J. Hyung, S.Y. Rha (Republic of Korea) 143

Breast Cancer

- Post-mastectomy intensity modulated proton therapy after immediate breast reconstruction: Initial report of reconstruction outcomes and predictors of complications
N.L. Smith, K.R. Jethwa, J.K. Viehman, W.S. Harmsen, K. Gonuguntla, S.M. Elswick, J.N. Graubeger, A.C. Amundson, T.J. Whitaker, N.B. Remmes, C.A. Harless, J.C. Boughhey, M.-D.T. Nguyen, S.S. Park, K.S. Corbin, R.W. Mutter (USA) 76

Central Nervous System

- Reduced diffusion in normal appearing white matter of glioma patients following radio(chemo)therapy
F. Raschke, T. Wesemann, H. Wahl, S. Appold, M. Krause, J. Linn, E.G.C. Troost (Germany) 110

Gastrointestinal Cancers

- A propensity-score matching analysis comparing long-term survival of surgery alone and postoperative treatment for patients in node positive or stage III esophageal squamous cell carcinoma after R0 esophagectomy
S. Yu, W. Zhang, W. Ni, Z. Xiao, Q. Wang, Z. Zhou, Q. Feng, H. Zhang, D. Chen, J. Liang, J. Lv, Z. Hui, J. He, S. Gao, K. Sun, D. Fang, X. Liu, Y. Li (China) 159

Genitourinary Cancers

- Early biochemical predictors of survival in intermediate and high-risk prostate cancer treated with radiation and androgen deprivation therapy
M.A. Patel, M. Kollmeier, S. McBride, D. Gorovets, M. Varghese, L. Chan, A. Knezevic, Z. Zhang, M.J. Zelefsky (USA) 34
- Robot-assisted radical prostatectomy versus volumetric modulated arc therapy: Comparison of front-line therapies for localized prostate cancer
S. Taguchi, K. Shiraishi, T. Fujimura, A. Naito, T. Kawai, K. Nakagawa, O. Abe, H. Kume, H. Fukuhara (Japan) 62
- Confirmation of thermal dose as a predictor of local control in cervical carcinoma patients treated with state-of-the-art radiation therapy and hyperthermia
M. Kroesen, H.T. Mulder, J.M.L. van Holthe, A.A. Aangeenbrug, J.W.M. Mens, H.C. van Doorn, M.M. Paulides, E. Oomen-de Hoop, R.M. Vernhout, L.C. Lutgens, G.C. van Rhoon, M. Franckena (The Netherlands) 150

Head and Neck Cancers

- Locally advanced hypopharyngeal and laryngeal cancer: Influence of HPV status
J.E. Bates, C.G. Morris, K.E. Hitchcock, P.T. Dziegielewski, W.M. Mendenhall, R.J. Amdur (United States) 6
- The prognostic role of 18F-fluorodeoxyglucose PET in head and neck cancer depends on HPV status
J.M. Moan, C.D. Amdal, E. Malinen, J.G. Svestad, T.V. Bogsrud, E. Dale (Norway, Denmark) 54
- Prognostic value of retropharyngeal lymph node metastasis laterality in nasopharyngeal carcinoma and a proposed modification to the UICC/AJCC N staging system
L. Huang, Y. Zhang, Y. Liu, H. Li, S. Wang, S. Liang, J. Zhou, C. Cui, Y. Sun, M. Chen, S. Xu, J. Li, L. Liu (China) 90
- Optic nerve constraints for carbon ion RT at CNAO – Reporting and relating outcome to European and Japanese RBE
J.E. Dale, S. Molinelli, V. Vitolo, B. Vischioni, M. Bonora, G. Magro, H.E.S. Pettersen, A. Mairani, A. Hasegawa, O. Dahl, F. Valvo, P. Fossati (Norway, Italy, Germany, Japan, Austria) 175

Intrathoracic Cancers

- Pre-treatment serum bicarbonate predicts for primary tumor control after stereotactic body radiation therapy in patients with localized non-small cell lung cancer
N. Sebastian, T. Wu, E. Driscoll, H. Willers, S. Kelly, H.B. Musunuru, X. Mo, Y. Tan, J. Bazan, K. Haglund, M. Xu-Welliver, A.M. Baschnagel, A. Ju, F. Keane, T.M. Williams (USA) 26

Pediatric Cancers

- Clinical practice and outcomes of palliative radiation therapy in pediatric oncology patients: An international comparison of experiences from two distinct countries and health care systems
A.D. Rao, M.L.S. Figueiredo, N. Yegya-Raman, S. Sehgal, Q. Chen, S.R. Alcorn, M.J. Chen, M. Ladra, R. Villar, S.A. Terezakis (USA, Brazil) 1

Physics

- Liver phantom design and dosimetric verification in participating institutions for a proton beam therapy in patients with resectable hepatocellular carcinoma: Japan Clinical Oncology Group trial (JCOG1315C)
T. Nishio, H. Tachibana, Y. Kase, K. Hotta, M. Nakamura, M. Tamura, T. Terunuma, T. Toshito, H. Yamashita, S. Ishikura, H. Fuji, T. Akimoto, Y. Nishimura (Japan) 98
- Incorporating imaging information from deep neural network layers into image guided radiation therapy (IGRT)
W. Zhao, B. Han, Y. Yang, M. Buyyounouski, S.L. Hancock, H. Bagshaw, L. Xing (USA) 167