

Secrétariat scientifique

Publications COL 2020

Thématique Radiothérapie et Radiophysique (20 articles)

Bataille B, Escande A, Le Tinier F, Parent A, Bogart E, Collinet P, Bresson L, Narducci F, Leblanc E, Lemaire AS, Taieb S, Lartigau E, Mirabel X, Cordoba A. Outcomes of pre-operative brachytherapy followed by hysterectomy for early cervical cancer. *Int J Gynecol Cancer*. 2020 Feb;30(2):181-186.

Biston MC, Chiavassa S, Grégoire V, Thariat J, Lacornerie T. Time of PTV is ending, robust optimization comes next. *Cancer Radiother*. 2020 Oct;24(6-7):676-686.

Escande A, Khettab M, Bockel S, Dumas I, Schernberg A, Gouy S, Morice P, Pautier P, Deutsch E, Haie-Meder C, Chargari C. Interaction between the Number of Chemotherapy Cycles and Brachytherapy Dose/Volume Parameters in Locally Advanced Cervical Cancer Patients. *J Clin Med*. 2020 Jun 1;9(6):1653.

Jacob J, Reyns N, Valéry CA, Feuvret L, Simon JM, Mazon JJ, Jenny C, Cuttat M, Maingon P, Pasquier D. Radiotherapy of non-tumoral refractory neurological pathologies. *Cancer Radiother*. 2020 Oct;24(6-7):523-533.

Tonneau M, Elkrief A, Pasquier D, Paz Del Socorro T, Chamailard M, Bahig H, Routy B. The role of the gut microbiome on radiation therapy efficacy and gastrointestinal complications: A systematic review. *Radiother Oncol*. 2020 Nov 1;156:1-9.

Jacob J, Reyns N, Valéry CA, Feuvret L, Simon JM, Mazon JJ, Jenny C, Cuttat M, Maingon P, Pasquier D. Radiotherapy of non-tumoral refractory neurological pathologies. *Cancer Radiother*. 2020 Oct;24(6-7):523-533.

Chevalier B, Pasquier D, Lartigau EF, Chargari C, Schernberg A, Jannin A, Mirabel X, Vantghem MC, Escande A. Metformin: (future) best friend of the radiation oncologist? *Radiother Oncol*. 2020 Oct;151:95-105.

Latorzeff I, Sargos P, Créhange G, Belkacémi Y, Azria D, Hasbini A, Dubergé T, Toledano A, Graff-Cailleaud P, Chapet O, Hennequin C, de Crevoisier R, Supiot S, Pasquier D. Indications et perspectives de l'hormonothérapie des cancers de prostate à haut risque [Indications and outlooks of radiohormonal therapy of high-risk prostate cancers]. *Cancer Radiother*. 2020 Apr;24(2):143-152.

Latorzeff I, Sargos P, Créhange G, Belkacémi Y, Azria D, Hasbini A, Dubergé T, Toledano A, Graff-Cailleaud P, Chapet O, Hennequin C, de Crevoisier R, Supiot S, Pasquier D. Indications et perspectives de l'hormonothérapie des cancers de prostate à haut risque [Indications and outlooks of radiohormonal therapy of high-risk prostate cancers]. *Cancer Radiother*. 2020 Apr;24(2):143-152.

Durand-Labrunie J, Baumann AS, Ayav A, Laurent V, Boleslawski E, Cattan S, Bogart E, Le Deley MC, Steen V, Lacornerie T, Peiffert D, Mirabel X. Curative Irradiation Treatment of Hepatocellular Carcinoma: A Multicenter Phase 2 Trial. *Int J Radiat Oncol Biol Phys*. 2020 May 1;107(1):116-125.

Wagner A, Brou Boni K, Rault E, Crop F, Lacornerie T, Van Gestel D, Reynaert N. Integration of the M6 Cyberknife in the Moderato Monte Carlo platform and prediction of beam parameters using machine learning. *Phys Med*. 2020 Feb;70:123-132.

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l'irradiation postopératoire dans la prise en charge des métastases cérébrales [Place and modalities of postoperative radiotherapy in the management of cerebral metastases]. *Cancer Radiother.* 2020 Oct;24(6-7):477-481.

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Bataille B, Escande A, Le Tinier F, Parent A, Bogart E, Collinet P, Bresson L, Narducci F, Leblanc E, Lemaire AS, Taieb S, Lartigau E, Mirabel X, Cordoba A. Outcomes of pre-operative brachytherapy followed by hysterectomy for early cervical cancer. *Int J Gynecol Cancer.* 2020 Feb;30(2):181-186.

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Chevalier B, Pasquier D, Lartigau EF, Chargari C, Schernberg A, Jannin A, Mirabel X, Vantyghem MC, Escande A. Metformin: (future) best friend of the radiation oncologist? *Radiother Oncol.* 2020 Oct;151:95-105.

Thématique Sarcome et Tumeurs rares (10 articles)

Cren PY, Lebellec L, Ryckewaert T, Penel N. Anti-Angiogenic Agents in Management of Sarcoma Patients: Overview of Published Trials. *Front Oncol.* 2020 Nov 24;10:594445.

Penel N, Lebellec L, Blay JY, Robin YM. Overview of « druggable » alterations by histological subtypes of sarcomas and connective tissue intermediate malignancies. *Crit Rev Oncol Hematol.* 2020 Jun;150:102960.

Mir O, Brodowicz T, Italiano A, Wallet J, Blay JY, Bertucci F, Chevreau C, Piperno-Neumann S, Bompas E, Salas S, Perrin C, Delcambre C, Liegl-Atzwanger B, Toulmonde M, Dumont S, Ray-Coquard I, Clisant S, Taieb S, Guillemet C, Rios M, Collard O, Bozec L, Cupissol D, Saada-Bouزيد E, Lemaignan C, Eisterer W, Isambert N, Chaigneau L, Cesne AL, Penel N. Safety and efficacy of regorafenib in patients with advanced soft tissue sarcoma (REGOSARC): a randomised, double-blind, placebo-controlled, phase 2 trial. *Lancet Oncol.* 2016 Dec;17(12):1732-1742.

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Penel N, Ryckewaert T, Orbach D. Traitements systémiques des fibromatoses agressives chez l'adulte et l'enfant : niveau de preuve et questions en suspens [Systemic treatment for management of aggressive fibromatosis in both adult and children: Level of evidence and unsolved questions]. *Bull Cancer.* 2020 Mar;107(3):375-380.

Penel N, Orbach D. Les desmoïdes de l'enfant et de l'adulte : de la chirurgie radicale vers une adaptation thérapeutique moléculaire [Desmoid type fibromatosis, from radical excision to molecular extirpation]. *Bull Cancer.* 2020 Mar;107(3):344-345.

Brodowicz T, Liegl-Atzwanger B, Penel N, Mir O, Blay JY, Kashofer K, Le Cesne A, Decoupigny E, Wallet J, Hamacher R, Deley ML. Assessing Prognostic and Predictive Biomarkers of Regorafenib Response in Patients with Advanced Soft Tissue Sarcoma: REGOSARC Study. *Cancers (Basel).* 2020 Dec 12;12(12):3746.

Lottin M, Escande A, Peyre M, Sevestre H, Maurage CA, Chauffert B, Penel N. Quoi de neuf dans la prise en charge des tumeurs fibreuses solitaires/hémangiopéricytomes des méninges ? [What's new in the management of meningeal solitary fibrous tumor/hemangiopericytoma?]. *Bull Cancer.* 2020

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Lièvre A, Turpin A, Ray-Coquard I, Le Malicot K, Thariat J, Ahle G, Neuzillet C, Paoletti X, Bouché O, Aldabbagh K, Michel P, Debieuvre D, Canellas A, Wislez M, Laurent L, Mabro M, Colle R, Hardy-Bessard AC, Mansi L, Colomba E, Bourhis J, Gorphe P, Pointreau Y, Idbaih A, Ursu R, Di Stefano AL, Zalcmán G, Aparicio T; GCO-002 CACOV1D-19 collaborators/investigators. Risk factors for Coronavirus Disease 2019 (COVID-19) severity and mortality among solid cancer patients and impact of the disease on anticancer treatment: A French nationwide cohort study (GCO-002 CACOV1D-19). *Eur J Cancer*. 2020 Dec;141:62-81.

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Thématique Cancérologie Générale (7 articles)

Ghysel V, Tresch E, Marliot G, Nicot R, Lambert M, Carbonnelle G, Lartigau E, Lefebvre G. Évaluation des interactions médicamenteuses chez des patients traités pour un cancer pulmonaire ou digestif [Evaluation of drug interactions in patients treated for a lung or digestive cancer]. *Bull Cancer*. 2020 Nov;107(11):1108-1117.

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Oaknin A, Tinker AV, Gilbert L, Samouëlian V, Mathews C, Brown J, Barretina-Ginesta MP, Moreno V, Gravina A, Abdeddaim C, Banerjee S, Guo W, Danaee H, Im E, Sabatier R. Clinical Activity and Safety of the Anti-Programmed Death 1 Monoclonal Antibody Dostarlimab for Patients With Recurrent or Advanced Mismatch Repair-Deficient Endometrial Cancer: A Nonrandomized Phase 1 Clinical Trial. *JAMA Oncol*. 2020 Oct 1;6(11):1-7.

Thématiques Sénologie (6 articles)

Le Rhun E, Wallet J, Mailliez A, Le Deley MC, Rodrigues I, Boulanger T, Lorgis V, Barrière J, Robin YM, Weller M, Bonnetterre J. Intrathecal liposomal cytarabine plus systemic therapy versus systemic chemotherapy alone for newly diagnosed leptomeningeal metastasis from breast cancer. *Neuro Oncol*. 2020 Apr 15;22(4):524-538.

Saadeh R, Naga N, Mesdag V, Régis C. Unusual burn injury to a deep inferior epigastric perforator flap reconstructed breast. *Breast J*. 2020 Mar;26(3):526.

Jacot W, Arnaud A, Jarlier M, Lefebvre-Plesse C, Dalivoust P, Senesse P, Azzedine A, Tredan O, Sadot-Lebouvier S, Mas S, Carayol M, Bleuse JP, Gourgou S, Janiszewski C, Launay S, D'Hondt V, Lauridant G, Grenier J, Romieu G, Ninot G, Vanlemmens L. Brief Hospital Supervision of Exercise and Diet During Adjuvant Breast Cancer Therapy Is Not Enough to Relieve Fatigue: A Multicenter Randomized Controlled Trial. *Nutrients*. 2020 Oct 9;12(10):3081.

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Debry L, Luu J, Boulanger L, Le Deley MC, Régis C. Reducing the seroma volume by quilting suture after breast reconstruction with a latissimus dorsi flap: Single institutional experience. *Bull Cancer.* 2020 May;107(5):543-550.

Gougis P, Carton M, Tchokothe C, Campone M, Dalenc F, Mailliez A, Levy C, Jacot W, Debled M, Leheurteur M, Bachelot T, Hennequin A, Perrin C, Gonçalves A, Uwer L, Eymard JC, Petit T, Mouret-Reynier MA, Chamorey E, Simon G, Saghatchian M, Cailliot C, Le Tourneau C. CinéBreast-factors influencing the time to first metastatic recurrence in breast cancer: Analysis of real-life data from the French ESME MBC database. *Breast.* 2020 Feb;49:17-24.

Thématique Cancérologie Pédiatrique (3 articles)

Sudour-Bonnange H, Coulomb-Lherminé A, Fantoni JC, Escande A, Brisse HJ, Thebaud E, Verschuur A. Standard of care for adult Wilms tumor? From adult urologist to pediatric oncologist. A retrospective review. *Bull Cancer.* 2020 Oct 28:S0007-4551(20)30405-7.

Lervat C, Vanlemmens L, Bondil P, Jacquot J, Scotté F, Gofti-Laroche L. Les soins de support pour améliorer l'accompagnement personnalisé des patients [Oncologic supportive care for a personalized support of all patients]. *Bull Cancer.* 2020 Oct 20:S0007-4551(20)30371-4.

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Thématique Cancérologie Gynécologique (2 articles)

Narducci F, Bogart E, Hebert T, Gauthier T, Collinet P, Classe JM, Lecuru F, Delest A, Motton S, Conri V, Ferrer C, Marchal F, Ferron G, Probst A, Thery J, Le Deley MC, Lefebvre D, Francon D, Leblanc E, Lambaudie E. Severe perioperative morbidity after robot-assisted versus conventional laparoscopy in gynecologic oncology: Results of the randomized ROBOGYN-1004 trial. *Gynecol Oncol.* 2020 Aug;158(2):382-389.

Kerbage Y, Kakkos A, Kridelka F, Lambaudie E, Bats AS, Hébert T, Goffin F, Wallet J, Leblanc E, Hudry D, Narducci F. Lomboaortic Lymphadenectomy in Gynecological Oncology: Laparotomy, Laparoscopy or Robot-Assisted Laparoscopy? *Ann Surg Oncol.* 2020 Oct;27(10):3891-3897.

Thématique Soins Palliatifs (3 articles)

Gamblin V, Berry V, Tresch-Bruneel E, Reich M, Da Silva A, Villet S, Penel N, Prod'Homme C. Midazolam sedation in palliative medicine: retrospective study in a French center for cancer control. *BMC Palliat Care.* 2020 Jun 19;19(1):85.

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Thématique Imagerie médicale (1 article)

Ben Haj Amor M, Ploton L, Ceugnart L, Taïeb S. Imagerie par résonance magnétique des tumeurs desmoïdes : critères d'évaluations actuels [Magnetic resonance imaging of desmoid-type fibromatosis: Current evaluation criteria]. *Bull Cancer.* 2020 Mar;107(3):359-363.

Autres publications

Cren PY, Marliot G, Pannier D, Penel N, Strobbe G. Symptomatic acute hypotension associated with high-dose dacarbazine. *Melanoma Res.* 2020 Aug;30(4):426-428.

Cren PY, Bertrand N, Le Deley MC, Génin M, Mortier L, Odou P, Penel N, Chazard E. Is the survival of patients treated with ipilimumab affected by antibiotics? An analysis of 1585 patients from the French National hospital discharge summary database (PMSI). *Oncoimmunology.* 2020 Nov 22;9(1):1846914.

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Radiothérapie et radiophysique (23 publications)

Largent A, Marage L, Gicquiau I, Nunes JC, Reynaert N, Castelli J, Chajon E, Acosta O, Gambarota G, de Crevoisier R, Saint-Jalmes H. Head-and-Neck MRI-only radiotherapy treatment planning: From acquisition in treatment position to pseudo-CT generation. *Cancer Radiother.* 2020 Jul;24(4):288-297.

de Jong EEC, Guckenberger M, Andratschke N, Dieckmann K, Hoogeman MS, Milder M, Møller DS, Nyeng TB, Tanadini-Lang S, Lartigau E, Lacornerie T, Senan S, Verbakel W, Verellen D, De Kerf G, Hurkmans C. Variation in current prescription practice of stereotactic body radiotherapy for peripherally located early stage non-small cell lung cancer: Recommendations for prescribing and recording according to the ACROP guideline and ICRU report 91. *Radiother Oncol.* 2020 Jan;142:217-223.

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Chargari C, Renard S, Espenel S, Escande A, Buchheit I, Ducassou A, Peiffert D, Hannoun-Lévi JM. La radiothérapie stéréotaxique peut-elle remplacer la curiethérapie pour les cancers du col utérin localement évolués ? Positionnement de la Société française de radiothérapie oncologique [Can stereotactic body radiotherapy replace brachytherapy for locally advanced cervical cancer? French society for radiation oncology statement]. *Cancer Radiother.* 2020 Oct;24(6-7):706-713.

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