Best Abstract in Science and Applied Technology
25 - IMPLEMENTATION OF DEEP LEARNING-BASED AUTO-SEGMENTATION FOR RADIOTHERAPY PLANNING STRUCTURES: A MULTI-CENTER WORKFLOW STUDY
Jordan Wong, Vicky Huang, Derek Wells, Joshua Giambattista, Jonathan Giambattista, Carter Kolbeck, Karl Otto7, Abraham Alexander

Best Abstract in Clinical and Population-based Oncology
30 - IS INTERMITTENT ANDROGEN DEPRIVATION THERAPY AN UNDERUTILIZED STRATEGY FOR MANAGEMENT OF RELAPSED, NON-METASTATIC, CASTRATION SENSITIVE PROSTATE CANCER? - A POPULATION-BASED ASSESSMENT OF A PROVINCIAL CANCER PROGRAM
Bryan Janzen, Aldrich Ong, Oliver Bucher, Pat Trozzo, Makoy Penner, Rashmi Koul, Bashir Bashir, Arbind Dubey, Julian Kim

Best Abstract in Survivorship
210 - CONDITIONAL SURVIVAL OF EXTRACRANIAL OLIGOMETASTATIC PATIENTS TREATED WITH STEREOTACTIC BODY RADIATION THERAPY (SBRT): AN INTERNATIONAL CONSORTIUM STUDY

Best Abstract in Education (2 awards)
41 - DO COORDINATED KNOWLEDGE TRANSLATION CAMPAIGNS PERSUADE RADIATION ONCOLOGISTS TO UTILIZE SINGLE FRACTION RADIOTHERAPY OVER MULTIPLE FRACTION RADIOTHERAPY FOR BONE METASTASES?
Shaheer Shahhat, Julian Kim, Nikesh Hanumanthappa, Youn Tae Chung, James Beck, Rashmi Koul, Bashir Bashir, Andrew Cooke, Jim Butler, Maged Nashed, William Hunter, Aldrich Ong, Arbind Dubey

Best Abstract in Education
42 - FACTORS THAT PROMOTE MEDICAL STUDENT INTEREST IN RADIATION ONCOLOGY: A SURVEY OF CANADIAN RADIATION ONCOLOGY RESIDENTS

Best Abstract in Radiation Therapy
26 - AUTOMATED MACHINE-LEARNING RADIOTHERAPY PLANNING FOR PEDIATRIC AND ADULT BRAIN TUMOURS
Grace Tsui, Derek Tsang, Chris McIntosh, Tom Purdie, Mohammad Khandwala, Glenn Bauman, Normand Laperriere, Hitesh Dama, David Hodgson
Resident Awards

Best of the Resident Oral Presentation Session

4 - PRIMARY ANALYSIS OF A PHASE II STUDY OF METASTASIS-DIRECTED ABLATIVE THERAPY TO PSMA (18F-DTPA-2) PET-MR/CT DEFINED OLIGORECURRENT PROSTATE CANCER

Best Resident Poster Presentation
87 IS PROSTATE BRACHYTHERAPY A DYING ART? EVIDENCE OF INCREASING UTILIZATION IN ONTARIO

Best Oral Presentation on Brachytherapy for Resident or Fellow
3-LONG TERM BIOCHEMICAL CONTROL OF A PROSPECTIVE COHORT OF PROSTATE CANCER PATIENTS TREATED WITH INTERSTITIAL BRACHYTHERAPY VERSUS RADICAL PROSTATECTOMY
Gordon Locke, Juanita Crook, Charles Catton, Zhihui Liu, Srinivas Raman, Alejandro Berlin, Peter Chung, Neil Fleshner, Joelle Helou

Jean Roy Resident Memorial Award
Hannah Dahn

Associate Member Awards

Best of the Fellow Oral Presentation Session

19-EFFECTIVENESS OF STEREOTACTIC BODY RADIATION THERAPY (SBRT) FOR OLIGOMETASTATIC NON-SPINE BONE LESIONS: AN INTERNATIONAL CONSORTIUM STUDY

20-RADIATION THERAPY ALONE VERSUS RADIATION THERAPY WITH HORMONAL THERAPY FOR WOMEN WITH EARLY STAGE BREAST CANCER: A POPULATION-BASED STUDY
Tina Zhang, Caroline Speers, Lovedeep Gondara, Caroline Lohrisch, Alan Nichol

Radiation/Medical Physics, Radiation Therapy, Radiation Oncology Nursing, Allied Health Professionals
23-MR-LINAC RADIOThERAPY: EXPERIENCE, DATA COLLECTION AND IMAGING IN YEAR ONE
Brian Keller, Mikki Campbell, Mark Ruschin, Anthony Kim, Claire McCann, Angus Lau, Hany Soliman, Danny Vesprini, Jay Detsky, Chia-Lin Tseng, Arjun Sahgal
Book Prize

Clinical Care and Epidemiology:
- Studies related to health policy, clinical diagnosis, prognosis, management and outcome.

  5-IS THE TOXICITY OF BREAST RADIOTHERAPY HIGHER IN PATIENTS WITH COLLAGEN VASCULAR DISEASE? A SYSTEMATIC REVIEW OF THE LITERATURE
  **Wei Liu**, Aaron Leung, Jane Park, Brandon Liu, Gabriel Boldt, David Palma

Biology and Technology:
- Studies that address basic science of radiation oncology, radiation planning and delivery, technology or medical physics.

  28-DEFORMABLE REGISTRATION FOR EVIDENCE-BASED PTV MARGINS IN LUNG SABR: CAN MODERN TECHNIQUES FACILITATE REDUCTION IN PTV MARGINS WHILE MAINTAINING IGTV COVERAGE?
  **Katie Jasper**, Quinn Matthews, Baochang Liu, Rob Olson

Quality assurance:
- Studies that address clinical practice performance, care delivery or system improvement.

  31-PATIENT PREFERENCES FOR HYPOFRACTIONATED RADIOTHERAPY TO TREAT LOCALIZED PROSTATE CANCER: A DISCRETE CHOICE EXPERIMENT
  **Samantha Sigurdson**, Mark Harrison, Harriet Richardson, Khaled Zaza, Michael Brundage, Alison Pearce

CanMEDS non-medical expert:
- Studies that address CanMEDS-related subject areas outside of the medical expert domain, i.e. issues in Communication, Collaboration, Leadership, Advocacy, Scholarship, or Professionalism.

  43-EVALUATION OF A 3D-PRINTED-HEAD SIMULATION TECHNIQUE FOR TEACHING FLEXIBLE NASOPHARYNGOSCOPY TO RADIATION ONCOLOGY RESIDENTS
  **Chris Goodman**, Justin Pautler, Christopher Balestrini, Santiago Cobos, Leah D'Souza, Paige Eansor, Anthony Nichols, Madeleine Norris, Manas Sharma, Katherine Willmore, Andrew Warner, Donna Murrell, David Palma, Jasbir Jaswal

Abstracts Submitted by the Medical Student Research and Mentorship Awardees

  54
  RE-IRRADIATION FOR RECURRENT CRANIOPHARYNGIOMA
  **Sarah Foran**, Normand Laperriere, Kim Edelstein, Laura Janzen, Vijay Ramaswamy, David Shultz, Fred Gentili, Eric Bouffet, Derek Tsang

  163
  MAPPING THE CURRENT STATE OF CANADIAN ONCOLOGY INTEREST GROUPS
  **George J. Li**, Nauman H. Malik, Meredith Giuliani, Michael Brundage, Amanda Caissie, Jeffrey Q. Cao, Ross Halperin, Paris-Ann Ingledew, Eric Vigneault, Andrea Bezjak
OLIGO-TERMINOLOGIES OF OLIGOMETASTATIC DISEASE - CONSISTENCY OF NEW CONSENSUS DEFINITIONS WITHIN CURRENT SABR TRIALS
George J. Li, Andrew J. Arifin, Faiez Al-Shafa, Patrick Cheung, George B. Rodrigues, David A. Palma, Alexander V. Louie

QUALITY OF ONLINE HEPATOCELLULAR CARCINOMA PATIENT RESOURCES - MEANINGFUL IMPACT OR POOR "DE-LIVERY"?
Jim (Zhang Hao) Li, Jane McLeod, Paris-Ann Ingledew

IN SILICO BIOPSY OF ONLINE CANCER RESOURCE QUALITY - HIGH OR LOW GRADE?
Zhang Hao (Jim) Li, Timothy Kong, Veronika Boyeva, Lisa Wang, Paris-Ann Ingledew

DEPRESSION IN CANCER: AN EVALUATION OF ONLINE PATIENT EDUCATION RESOURCES
Jim (Zhang Hao) Li, Mingyang Wang, Paris-Ann Ingledew

FEASIBILITY OF AN ASSISTED CHART REVIEW FOR ASSESSING THE DEVELOPMENT OF RADIATION PNEUMONITIS
Jordan McKenzie, Angela Lin, Rasika Rajapakshe, Hua Shen, Jinying Wu, Shan Rajapakshe

WHAT IS THE OPTIMAL TREATMENT OF MALIGNANT TRITON TUMOURS IN ADULTS? A SYSTEMATIC REVIEW OF THE LITERATURE
Allison Pumputis, Laura Callan, Anna Branch, Andrew Warner, Gabriel Boldt, Nancy Read, Fawaz Siddiqi, Douglas Ross, Luc Dubois, Dalilah Fortin, Anthony Nichols, David Palma

RADICAL RADIOTHERAPY WITH REACTIVE VERSUS PROPHYLACTIC GASTROSTOMY TUBE PLACEMENT: AN ASSESSMENT OF PATIENT-BASED OUTCOMES IN OROPHARYNGEAL CANCER
Rawy Shaaban, Khaled Zaza, Gregory Paulin, Wilma Hopman

PREDICTION OF SALVAGE NECK DISSECTION REQUIREMENT AFTER DEFINITIVE RADIOTHERAPY FOR OROPHARYNGEAL SQUAMOUS CELL CARCINOMA
Rawy Shaaban, Gregory Paulin, Khaled Zaza

APPLICATIONS OF DEEP LEARNING FOR AUTOMATIC CONTOURING OF TUMOURS IN THE BRAIN
Robert Henderson, Joshua Giambattista, Niranjan Venugopal, Egiroh Omene, Jonathan Giambattista, Vijayananda Kundapur