

ORAL ONCOLOGY: IMAGINE THE FUTURE

ORAL PRESENTATIONS

- [O01] **Microsurgical orofacial zone reconstruction in oncologic patients.**
I.V. Reshetov^{*1}, S.A. Kravtsov¹, A.P. Polyakov¹, O.V. Matorin¹, M.V. Ratushnyy¹, M.M. Phylusyin¹, ¹*Moscow P.A. Hertenzen Cancer Research Institute, Russian Federation*
- [O02] **Stereolithographic biomodelling in mandibular reconstruction**
H Seikaly¹, J Zhu¹, R Chowdhury^{*1}, D Cote¹, K Ansari¹, J Harris¹, ¹*University of Alberta, Canada*
- [O03] **Surgical Planning with Stereolithography for Mandibular Reconstruction. Our Recent Experience and Results.**
Ramon Sieira Gil^{*1,2}, Antonio Mari Roig^{1,3}, Carlos Arranz Obispo¹, Inma Juarez Escalona¹, Ada Ferrer Fuertes¹, Antonio Monner Dieguez¹, ¹*Oral and Maxillofacial Department. Hospital Universitario de Bellvitge, Spain,* ²*Universidad Internacional de Cataluña. UIC, Spain,* ³*Head and Neck Functional Unit. Bellvitge University Hospital, Spain*
- [O04] **Internal Mammary Vessels For Reconstruction In Vessel Depleted Necks**
Satyajeet Bhatia^{*1}, Cellan V Thomas¹, Shakir Mustafa¹, Peter O'keef¹, Mike J Fardy¹, ¹*University Hospital of Wales and University Dental Hospital, United Kingdom*
- [O05] **Contrast enhanced harmonic imaging in free flap monitoring**
R Anand^{*1}, S Sharma¹, S Walji¹, M Hickman¹, V Ilankovan¹, K Greaves¹, ¹*Poole Hospital NHS Trust, United Kingdom*
- [O06] **Free Flap Arterial and Venous Anastomosis Monitoring in Post-Operative Head and Neck Reconstruction of Oral Cavity Defects**
DWJ Cote^{*1}, JR Harris¹, H Seikaly¹, ¹*University of Alberta, Canada*
- [O07] **The Clinical Utility of Colour Flow Doppler in Planning Anterolateral Thigh Flap Harvest**
RS Patel^{*1,2}, KM Higgins¹, DJ Enepekides¹, PA Hamilton¹, ¹*Sunnybrook Health Sciences Centre/Odette Cancer Centre, and University of Toronto, Canada,* ²*Auckland City Hospital, and University of Auckland, New Zealand*
- [O08] **Reconstruction of large volume maxillo-mandibular labial defects: Maximizing oral competence, speech and swallowing**
KM Malloy^{*1,2}, JS Moyer¹, JW Zumsteg¹, EJP Chanowski¹, SS Khariwala^{1,3}, DB Chepeha¹, ¹*University of Michigan, United States,* ²*University of Pennsylvania Health Systems, United States,* ³*University of Minnesota, United States*
- [O09] **Two patterns of facial artery-submental artery flaps for reconstructing defects of soft tissue and hard tissue in the oral and maxillofacial regions**
We-iliang Chen^{*1}, Jing-song Li¹, Zhao-hui Yang¹, Zhi-quan Huang¹, Jian-guang Wang¹, Bin Zhang¹, ¹*Department of Oral and Maxillofacial Surgery, the Second Affiliated Hospital, Sun Yat-sen University, Guangzhou 510120, China*
- [O10] **Reconstruction of mandible: 10 year experience with 178 consecutive patients**
Riaz Ahmed Warraich^{*1}, Nabeela Riaz¹, Hina Abid¹, Asifa Ahsan¹, ¹*King Edward Medical University Lahore, Pakistan*
- [O11] **Per case payment in in-patient ENT-oncology - Six years experiences with Diagnosis related groups in Germany**
Dominik Franz^{*1}, Juergen Alberty², Norbert Roeder¹, ¹*University Hospital Muenster, DRG-Research-Group, Germany,* ²*University Hospital Muenster, ENT-Department, Germany*
- [O12] **Socio-economic status and incidence of Head and Neck cancer in Ottawa, Canada; a logistic regression analysis.**
S Johnson^{*1}, M. J. Corsten¹, J. T. McDonald², ¹*University of Ottawa, Canada,* ²*University of New Brunswick,*

Canada

- [O13] **Epidemiology and Costs of Health Care Provision for Patients with Oro-pharyngeal and Salivary Cancers in the Northern Territory, Australia**
M.E. Thomas^{*1,2}, C. Scott², E. Yeboah², J. Rajinikanth^{1,2}, ¹Flinders University, Australia, ²Royal Darwin Hospital, Australia
- [O14] **Clinical Implications of Continued Alcohol and Tobacco Consumption After Treatment for Mucosal Head and Neck Malignancies**
J Rajinikanth^{*1,2}, M.E. Thomas^{1,2}, ¹Royal Darwin Hospital, Australia, ²Flinders University, Australia
- [O15] **The relationship between self-assessed oral health and depression in head and neck cancer patients**
K. S. Al-Khalifa^{*1}, S. A. Duffy², B. A. Burt², ¹King Faisal University, Saudi Arabia, ²University of Michigan, United States
- [O16] **Anxiety, Depression and Coping in Head and Neck Cancer Patients**
H Elani^{*1}, L Edgar¹, P.J Allison¹, ¹McGill University, Canada
- [O17] **Which questionnaire? Assessing the Health Related Quality of Life in Patients with Head and Neck Cancer**
S.E. Fisher^{*1,2}, A. Vikram¹, A. Donnelly¹, A.C. Newsham¹, C. Johnston¹, ¹University of Leeds, United Kingdom, ²University of Bradford, United Kingdom
- [O18] **Malnutrition and Quality of Life in Patients Treated for Oral or Oropharyngeal Cancer**
H. Jager-Wittenaar^{*1}, P.U. Dijkstra^{1,2}, A. Vissink¹, R.P. van Oort¹, B.F.A.M. van der Laan³, J.L.N. Roodenburg¹, ¹Department of Oral and Maxillofacial Surgery, University Medical Center Groningen, University of Groningen, Groningen, Netherlands, ²Department of Rehabilitation, University Medical Center Groningen, University of Groningen, Groningen, Netherlands, ³Department of Otorhinolaryngology, Head & Neck Surgery, University Medical Center Groningen, University of Groningen, Groningen, Netherlands
- [O19] **Longitudinal assessment of health-related quality of life (HRQOL) in patients with squamous cell carcinoma of the Head and Neck (HNSCC)**
SK Haerle^{*1}, SJ Stoeckli^{1,2}, ¹University Hospital Zurich, Switzerland, ²Kantonsspital St. Gallen, Switzerland, ³University Hospital Basel, Switzerland, ⁴Privatklinik Bethanien, Switzerland, ⁵University Hospital Lausanne, Switzerland, ⁶Kantonsspital Aarau, Switzerland, ⁷University Hospital Berne, Switzerland
- [O20] **Evaluation of speech outcomes in oral and oropharyngeal cancers**
Raghav Dwivedi¹, Justin Roe¹, Rehan Kazi¹, Christopher Nutting¹, Peter Clarke¹, Peter Rhys-Evans^{*1}, ¹Head-Neck Unit, The Royal Marsden Hospital, London, United Kingdom
- [O21] **Radical Radiotherapy for Early Glottic Cancer: 26 Years Experience from a Single Institution**
S Ghosh Laskar^{*1}, J P Agarwal¹, C Srinivas¹, K A Dinshaw¹, ¹Tata Memorial Hospital, India
- [O22] **Swallowing outcomes following Intensity-Modulated Radiation Therapy (IMRT) in head and neck cancer**
J.W.G. Roe¹, R.C. Dwivedi¹, R. Kazi¹, P.N. Carding³, P.H. Rhys-Evans^{*1}, K.J. Harrington^{1,2}, ¹The Royal Marsden NHS Foundation Trust, United Kingdom, ²The Institute of Cancer Research, United Kingdom, ³Newcastle upon Tyne Hospitals NHS Foundation Trust, United Kingdom
- [O23] **Outcome in oropharynx and oral cavity tumors following IMRT**
G Studer^{*1}, KW Graetz², G Huber³, C Glanzmann¹, ¹Department of Radiation Oncology, University Hospital Zurich, Zurich, Switzerland, ²Department of Craniomaxillofacial Surgery, University Hospital Zurich, Zurich, Switzerland, ³Clinic of Otorhinolaryngology-Head and Neck Surgery, University Hospital Zurich, Zurich, Switzerland

- [O24] **A Pilot Study To Evaluate Swallowing And Dysphagia After Radiation In Head And Neck Cancer Patients, Using MRI. Preliminary Results.**
 F Hoebbers*¹, A Kirilova², W Foltz², S Breen², A Hope¹, C Menard¹, ¹*Radiation Medicine Program, Department of Radiation Oncology, Princess Margaret Hospital, University Health Network, University of Toronto, Canada,* ²*Radiation Physics, Department of Radiation Oncology, Princess Margaret Hospital, University Health Network, University of Toronto, Canada,* ³*Department of Medical Imaging, Princess Margaret Hospital, University Health Network, University of Toronto, Canada,* ⁴*Department of Speech Language Pathology, University of Toronto, Canada*
- [O25] **Results of a Prospective PET-guided Management of the Neck Study in Node Positive Head and Neck Squamous Cell Carcinoma (HNSCC) Following Curative Radiotherapy With or Without Concurrent Chemotherapy**
 SV Porceddu*^{1,2}, DI Pryor¹, J Doughton¹, E Burmeister¹, BH Burmeister^{1,2}, MG Poulsen^{1,2}, ¹*Princess Alexandra Hospital, Woolloongabba, Brisbane, Queensland, Australia,* ²*University of Queensland, Australia*
- [O26] **Floor of Mouth Carcinoma**
 R.I Smee*¹, J.R Williams¹, K Broadley¹, K Dowling¹, G.P Bridger², ¹*Department of Radiation Oncology, Prince of Wales Cancer Centre, Australia,* ²*Department of Otolaryngology, Prince of Wales Cancer Centre, Australia*
- [O27] **The Role of Induction Chemotherapy on Survival of Locally Advanced Oral Cavity Cancer**
 KH Kim*¹, IJ Choi¹, SY An¹, JH Hah¹, TK Kwon¹, MW Sung¹, ¹*Department of Otorhinolaryngology, Seoul National University College of Medicine, Korea, Republic of*
- [O28] **Randomized phase II study of concomitant chemoradiation using weekly Carboplatin/Paclitaxel/concomitant boost radiation with or without daily subcutaneous amifostine in patients with newly diagnosed locally advanced head and neck cancer.**
 Robert Haddad*^{1,2}, Patricia Braschayko¹, Steve Sonis^{1,2}, Marshall Posner^{1,2}, Lori Wirth¹, Roy Tishler^{2,1}, ¹*Dana Farber cancer Institute, United States,* ²*Brigham and Women's Hospital, United States*
- [O29] **Outcome and toxicity of hypofractionated radiotherapy in patients with head and neck cancers who are not suitable for curative treatment: "Christie scheme"**
 RJ Baatenburg de Jong*¹, A Al-Mamgani¹, L Tans¹, PHE van Rooy¹, I Noever¹, P Levendag¹, ¹*ErasmusMC, Netherlands*
- [O30] **The health utilities index: an evaluation of concurrent chemoradiation and surgery with post-operative radiation**
 E.J.P. Chanowski*¹, D.B. Chepeha², J.S.J. Lee², F.P. Worden², A. Eisbruch², G.T. Wolf², ¹*University of Michigan Medical School, United States,* ²*University of Michigan Health System, United States*
- [O31] **Penetration of polymersome drug and gene delivery nanoparticles into in vitro models of head and neck cancer and tissue engineered oral mucosa.**
 V Hearnden*¹, G Battaglia¹, S MacNeil¹, C Murdoch¹, M Thornhill¹, ¹*University of Sheffield, United Kingdom*
- [O32] **Evaluation of the surgeon-dentists' knowledge about oral cancer in Barretos Region - Brazil**
 ALRO Avi¹, HM Tanimoto¹, TMN Morais¹, AL Carvalho*¹, ¹*Barretos Cancer Hospital, Brazil*
- [O33] **MicroRNA alterations in oral and pharyngeal squamous cell carcinoma**
 CB Lajer*¹, M Rossing¹, L Friis-Hansen¹, FC Nielsen¹, L Specht¹, C Buchwald¹, ¹*Rigshospitalet, University of Copenhagen, Denmark, Denmark*
- [O34] **Characterization of oral tumors by massively parallel ligation sequencing to ascertain the presence of persistent antigen**
 RR Laborde*¹, JL Kasperbauer¹, EJ Moore¹, KD Olsen¹, NM Tombers¹, DI Smith¹, ¹*Mayo Clinic, United States*

- [O35] **Human oral tumors and expression of Argininosuccinate Synthetase (ASS) and Argininosuccinate Lyase (ASL)**
 R Aparajita¹, K Elseth¹, B.J. Vesper¹, K Haines III², G Tarjan³, A Kolokythas*⁴, ¹Centre for Molecular Biology of Oral Diseases, College of Dentistry University of Illinois at Chicago, Illinois, United States, ²Department of Pathology, Yale University School of Medicine, New Haven, CT, United States, ³Department of Pathology, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, United States, ⁴Department of Oral and Maxillofacial Surgery, College of Dentistry, University of Illinois at Chicago, IL, United States
- [O36] **Proteomics based Diagnostic and Prognostic Biomarkers for Head-and-Neck Cancer: Challenges and Opportunities**
 R Ralhan*^{1,3}, LV DeSouza^{1,3}, A Matta^{1,3}, SC Tripathi⁴, SD Gupta⁵, NK Shukla⁶, ¹Department of Chemistry, York University, Canada, ²Department of Biology, York University, Canada, ³Centre for Research in Mass Spectrometry, York University, Canada, ⁴Department of Biochemistry, All India Institute of Medical Sciences, India, ⁵Department of Pathology, All India Institute of Medical Sciences, India, ⁶Department of Surgery, Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, India, ⁷Gynecological Pathology Section, Mount Sinai Hospital, Toronto, Ontario, Canada, ⁸Pathology and Laboratory Medicine, Mount Sinai Hospital, Toronto, Ontario, Canada, ⁹Oral Medicine and Oral Pathology, Mount Sinai Hospital, Toronto, Ontario, Canada
- [O37] **Hypoxia-induced secretion of CXCL12 by head and neck tumour spheroids mediates infiltration of monocytes by a CXCR4-dependent mechanism**
 C Murdoch*¹, H Colley¹, S MacNeil¹, M Thornhill¹, ¹University of Sheffield, United Kingdom
- [O38] **Proteomic analysis of laser-captured paraffin embedded tissues: A molecular portrait of head and neck cancer progression**
 V Patel*¹, BL Hood², AA Molinolo¹, NL Lee³, TD Veenstra⁶, JS Gutkind¹, ¹NIDCR, United States, ²University of Pittsburgh Cancer Institute, United States, ³George Washington University Medical Center, United States, ⁴J. Craig Venter Institute, United States, ⁵Expression Pathology Incorporated, United States, ⁶NCI, United States
- [O39] **Tumor Progression in the Oral Cavity: The Significance of Genetic Polymorphisms in CYP1A1, GST M1 and XRCC1 in a South Indian Population**
 K Ramadas*¹, Surya Ramachandran², Richard Muwonge³, M Radhakrishna Pillai², ¹Regional Cancer Centre, India, ²Rajiv Gandhi Centre for Biotechnology, India, ³International Association for Research on Cancer, French Southern Territories
- [O40] **Evaluation of immunohistochemical and biomolecular parameters as markers of the biological behaviour of head and neck carcinomas: preliminary results of a multicenter Italian Project.**
 Tito Poli*¹, Alfredo Balestreri¹, Roberto Cocchi³, Claudio Marchetti², Maria Pia Foschini², Roberto Perris², ¹University of Parma, Italy, ²University of Bologna, Italy, ³Bellaria Hospital- Bologna, Italy
- [O41] **Can SLUG, SNAI1, TWIST1, TGFB, N-cadherin and E-cadherin predict the metastatic potential of oral squamous cell carcinoma?**
 E Barker^{1,2}, P Reis*², M Sukhai², R Goswami², J Irish¹, S Kamel-Reid², ¹Princess Margaret Hospital, Toronto, Canada, ²The Ontario Cancer Institute, The University of Toronto, Canada
- [O42] **Mcl-1 Expression is Associated with Pathogenesis and Radiotherapy Treatment Response in Chewing Tobacco-Associated Oral Carcinomas**
 T. R. Teni*¹, S. Mallick¹, V Palve¹, S Pawar¹, R Patil³, J. P. Agarwal², ¹Advanced Centre for Treatment, Research and Education in Cancer (ACTREC) Kharghar, Navi Mumbai-410210, India, ²Tata Memorial Hospital, Tata Memorial Centre, Parel, Mumbai 4000 12, India, ³Sharad Pawar Dental College, Wardha, India
- [O43] **Induction of apoptosis in laryngeal cancer cells by a compound isolated from Pteris semipinnata L**
 GG Chen*¹, CS LO¹, HC Liu¹, AC Vlantis¹, MCT Tone¹, CA van Hasselt¹, ¹The Chinese University of Hong Kong, Hong Kong

- [O44] **MAGE-A antigens in oral squamous cell carcinoma**
UDA Müller-Richter*¹, T Reuther¹, S Rauthe², S Gattenlöhner², AC Kübler¹, ¹*Dpt. of Oral and Maxillofacial Plastic Surgery, Universityhospital Würzburg, Germany*, ²*Institute of Pathology, Universityhospital Würzburg, Germany*
- [O45] **Biomarkers of recurrence in oral carcinoma**
P Reis*¹, M Tomenson^{1,2}, N Cervigne¹, M Sukhai¹, N Naranjo Galloni³, L Waldron⁴, ¹*Ontario Cancer Institute, University Health Network, Canada*, ²*University of Toronto, Canada*, ³*Calderon Guardia Hospital, Costa Rica*, ⁴*University Health Network, Canada*, ⁵*Toronto General Hospital, Canada*, ⁶*Princess Margaret Hospital, Canada*, ⁷*Princess Margaret Hospital, Canada*
- [O46] **Reversal of resistance to standard therapy in oral squamous cell carcinoma cells by RNA interference.**
S.M. Gollin*^{1,2}, M. Sankunny^{1,2}, R.E. Flores-Obando¹, X. Huang^{1,2}, R.A. Parikh^{1,2}, ¹*University of Pittsburgh Graduate School of Public Health, United States*, ²*University of Pittsburgh Cancer Institute, United States*
- [O47] **The epithelial-mesenchymal transition inducer, Snail, inhibits terminal differentiation and promotes inflammation and invasion in squamous cell carcinomas**
JG Lyons*^{1,2}, N Roue^{1,2}, V Patel³, JS Gutkind³, GM Halliday², ¹*Sydney Head & Neck Cancer Institute, Australia*, ²*University of Sydney, Australia*, ³*National Institute of Dental and Craniofacial Research, United States*
- [O48] **Tumour Stem Cells in Head and Neck Squamous Cell Carcinoma (HNSCC)**
SJ Goldie*^{1,3}, FM Watt^{1,3}, R Price², ¹*Cambridge Research Institute, United Kingdom*, ²*Department of Plastic Surgery, Addenbrooke's Hospital, United Kingdom*, ³*Department of Genetics, University of Cambridge, United Kingdom*
- [O49] **Down-regulation of SERPINB13 Expression in Head and Neck Squamous Cell Carcinomas Associates with Poor Clinical Outcome**
FKJ Leusink*¹, R Koole¹, JA Kummer¹, ¹*UMCU, Netherlands*, ²*National Health Research Institutes, Taiwan*, ³*Centre for Biostatistics, Netherlands*, ⁴*University Hospital Maastricht, Netherlands*
- [O50] **Comparative CDH1 (E-cadherin) analysis by gene expression and epigenetic inactivation in patients affected by oral squamous cell carcinoma (OSCC). Preliminary report.**
G Pannone*¹, A Santoro¹, S Tortorella¹, P Bufo¹, L Lo Muzio¹, SM Papagerakis³, ¹*University of Foggia, Italy*, ²*University of Naples, Italy*, ³*University of Michigan, United States*
- [O51] **Squamous Cell Carcinoma of Oropharynx: Influence of Site of Primary Tumour**
K.A Pathak*^{1,2}, H Al Hajjaj^{1,2}, N.V. Viallet^{1,2}, D.S. Sutherland^{1,2}, P.D. Kerr^{1,2}, R.W. Nason^{1,2}, ¹*Cancer Care Manitoba, Canada*, ²*University of Manitoba, Canada*
- [O52] **Squamous Cell Carcinoma of the Buccal mucosa: The Prognostic Importance of Site**
F Bekiroglu*¹, RJ Shaw¹, D Lowe¹, SN Rogers¹, ¹*University Hospital Aintree, Liverpool, United Kingdom*
- [O53] **Squamous cell carcinoma of the floor of mouth: Outcomes and prognostic indicators**
J Lea*^{1,2}, D Goldstein^{1,2}, M Yehuda^{1,2}, R Moukarbel^{1,2}, R Gilbert^{1,2}, D Brown^{1,2}, ¹*Princess Margaret Hospital, Canada*, ²*University of Toronto, Canada*
- [O54] **Survival and Patterns of Relapse in Patients with Oral Tongue Cancer**
Kyle Rusthoven¹, David Raben¹, John Song¹, Madeleine Kane¹, Taghrid Altoos¹, Changhu Chen*¹, ¹*University of Colorado Denver, United States*
- [O55] **Outcomes in patients with tongue cancer treated at the Princess Margaret from 1994-2004**
D Goldstein*^{1,2}, G Bachar^{1,2}, J Lea^{1,2}, J White^{1,2}, RW Gilbert^{1,2}, DH Brown^{1,2}, ¹*Princess Margaret Hospital, Canada*, ²*University of Toronto, Canada*
- [O56] **Tumor-host histopathologic variables of stromal myofibroblasts and risk score are significantly associated with recurrent disease in tongue cancer**
Alex Dobriyan*^{1,2}, Marilena Vered^{1,2}, Yoav P Talmi^{1,2}, Lev Bedrin^{1,2}, Shlomo Teicher^{1,2}, Ran Yahalom^{1,2}, ¹*Sheba Medical Center, Israel*, ²*Tel Aviv University, Israel*

- [O57] **CARCINOMA TONGUE IN YOUNG ADULTS – A RETROSPECTIVE REVIEW OF TREATMENT AND OUTCOME IN 144 PATIENTS**
P Sebastian^{*1}, R Muwonge², N A George¹, R Sankaranarayanan^{1,2}, D Raj¹, P G Balagopal¹, ¹Regional Cancer Centre ,Trivandrum, India, ²International Agency for Research on Cancer, Lyon, France
- [O58] **Quality assurance measures in patients treated for early oral tongue cancer.**
AC Hessel¹, MA Moreno^{*1}, EY Hanna¹, A El-Naggar¹, J Lewin¹, RS Weber¹, ¹The University of Texas M.D. Anderson Cancer Center, United States
- [O59] **Clinical outcomes for T1-2 N0 oral tongue carcinoma treated with surgery without adjuvant radiation therapy**
A.W. Jensen^{*1}, D. Kademani², R.L. Foote¹, ¹Mayo Clinic College of Medicine, Rochester, MN, United States, ²University of Minnesota Medical Center and Masonic Cancer Center, Minneapolis, MN, United States
- [O60] **Cancer of the Tongue: Comparing Outcome in Patients with No Known Risk Factors to Those with High Risk Factors**
R. Hod^{*1}, J. Irish², D. Goldstein², D. Brown², G. Bachar¹, T. Shpitzer¹, ¹Department Of Otolaryngology-Head and Neck Surgery, Rabin Medical Centre, Israel, ²Department Of Otolaryngology-Head and Neck Surgery, Toronto University, Canada
- [O61] **Associated factors to predict wound infection after surgery in primary oral cavity cancer patients**
S.A Liu^{*1}, Y.K. Wong¹, C.K. Poon¹, C.C. Wang¹, C.P. Wang¹, K.C. Tung², ¹Taichung Veterans General Hospital, Taiwan, ²National Chung Hsing University, Taiwan
- [O62] **DELAYED DIAGNOSIS IN ORAL CARCINOMA.**
E BARDELLINI¹, S BONADEO¹, F AMADORI^{*1}, A MAJORANA¹, ¹School of Dentistry - University of Brescia, Italy
- [O63] **Investigation of Differences of Oral and Oropharyngeal Squamous Cell Carcinoma Among Caucasian, African American and Latino Patients**
Antonia Kolokythas^{*1}, Thomas Schlieve¹, Michael Miloro¹, ¹University of Illinois at Chicago, United States
- [O64] **Racial Difference in the Diagnosis, Treatment and Survival of Oral Cavity Cancer Patients**
K.L. Yen^{*1}, J.C. Probst², J.R. Hebert², T.A. Day³, S.G. Reed³, ¹Tzuchi University, Taiwan, ²University of South Carolina, United States, ³Medical University of South Carolina, United States
- [O65] **Modeling survival outcome of primary HNSCC in an ethnically diverse primary care cohort**
Maria Worsham^{*1}, Josena Stephen¹, Mei Lu¹, Alissa Kapke¹, Michael Benninger², ¹Henry Ford Health System, United States, ²Cleveland Clinic, United States
- [O66] **Profile of Young Patients with Oral Squamous Cell Carcinoma (OSCC) Diagnosed at National Cancer Institute (INCA-RJ) from 2001 to 2004**
RCR LINDENBLATT¹, GL MARTINEZ², NHS CANEDO³, PS FARIA², FL DIAS², SQC LOURENÇO^{*1}, ¹Fluminense Federal University, Brazil, ²National Cancer Institute, Brazil, ³Rio de Janeiro Federal University, Brazil
- [O67] **Case control study on prognostic factor in oral squamous cell carcinoma in young patients**
E Kaminagakura¹, JG Vartanian¹, SD Silva¹, LP Kowalski^{*1}, ¹AC Camargo Hospital, Brazil
- [O68] **Oral Cancer Control in Elderly**
A. Raczowska-Siostrzonek^{*1}, R. Koszowski¹, I. Urban², ¹Chair and Department of Oral Surgery in Bytom, Medical University of Silesia in Katowice, Poland, ²Student Research Society at the Chair and Department of Oral Surgery Bytom, Medical University of Silesia in Katowice,, Poland
- [O69] **Heterogeneity in Stage of Presentation and Survival from Oral Cavity and Oropharynx Cancers Among Asian American Sub Populations**
A.U. Nguyen^{*1}, S Koo², P.L. Nguyen³, B.M. Alexander³, ¹Harvard Extension School, United States, ²Brigham and Women's Hospital Infectious Disease, United States, ³Harvard Radiation Oncology Program, United States

- [070] **Measuring immuno-histochemical expression of proteins using virtual microscopy: a novel objective assessment method**
S.H. Al-Amad*^{1,2}, M.J. McCullough², C.M. Angel³, ¹College of Dentistry, University of Sharjah, United Arab Emirates, ²School of Dental Science, University of Melbourne, Australia, ³Gribbles Pathology, Australia
- [071] **Depth-sensitive optical spectroscopy for diagnosis of oral neoplasia**
R.A. Schwarz*¹, W. Gao¹, C.R. Weber¹, C. Kurachi², R. Richards-Kortum¹, A.M. Gillenwater³, ¹Rice University, United States, ²University of Sao Paulo, Brazil, ³University of Texas M.D. Anderson Cancer Center, United States
- [072] **Autofluorescence imaging and biomarkers combined provide a predictive strategy in oral cavity malignancy.**
E Barker^{1,2}, P Reis*², G Netchev², R Goswami², B Wilson², J Irish¹, ¹Princess Margaret Hospital, Toronto, Canada, ²The Ontario Cancer Institute, The University of Toronto, Canada
- [073] **Autofluorescence imaging for early detection of oral neoplasia**
A.M. Gillenwater*¹, D. Roblyer², C. Kurachi³, V. Stepanek¹, R. Richards-Kortum², ¹1.University of Texas M.D.Anderson Cancer Center, United States, ²2.Rice University, United States, ³3.University of São Paulo, Brazil
- [074] **Oculodynamic MRI as a valuable add-on in crano-maxillofacial tumor staging**
B.-I. Berg*¹, C. Kober², C. Buitrago Tellez¹, E.W. Radue Palmowski¹, K. Zimmerer Schwenzer¹, C. Scheffler Kunz¹, ¹University Hospital Basel, Switzerland, ²HAW Hamburg, Germany
- [075] **Depth-Sensitive Optical Spectroscopy for Diagnosis of Oral Neoplasia**
A Gillenwater*¹, ¹UTMD Anderson Cancer Center, United States, ²Rice University, United States
- [076] **Autofluorescence Imaging for Early Detection of Oral Neoplasia**
A Gillenwater*¹, D Roblyer², MS Rahman², C Kurachi¹, V Stepanek¹, M Williams¹, ¹UTMD Anderson Cancer Center, United States, ²Rice University, United States
- [077] **Magnifying endoscopy combined with Flexible Spectral Imaging Color Enhancement (FICE) for early carcinoma of the head and neck**
Kenro Kawada*¹, Tatsuyuki Kawano¹, Kagami Nagai¹, Tetsuro Nishikage¹, Yasuaki Nakajima¹, Tomoyoshi Suzuki¹, ¹Tokyo Medical and Dental University, Japan
- [078] **PARAMETERS DEFINING THE POTENTIAL APPLICABILITY OF RAMAN SPECTROSCOPY AS A DIAGNOSTIC TOOL FOR ORAL DISEASE**
K GUZE*¹, M SHORT², S SONIS², N KARIMBUX², J CHAN², H ZENG², ¹Harvard, United States, ²UBC, Canada
- [079] **NARROW BAND IMAGING (NBI) AND HIGH DEFINITION TELEVISION (HDTV) IN ORAL AND OROPHARYNGEAL SQUAMOUS CELL CARCINOMA (SCC)**
A Majorana*¹, A Bolzoni Villaret², C Piazza², C Andriani¹, G Conti¹, P Nicolai², ¹UNIVERSITY OF BRESCIA - Dental Clinic, Italy, ²UNIVERSITY OF BRESCIA - ORL CLINIC, Italy
- [080] **Multimodal visualization of craniofacial, skull base infiltrating tumors**
C. Kober¹, B.-I. Berg*², P. Juergens², H.-F. Zeilhofer², S. Zimmerer², K. Zimmerer-Schwenzer², ¹HAW Hamburg, Germany, ²University Hospital Basel, Switzerland
- [081] **Site by site percentage and topographical pattern of lymph-node metastases in 174 neck dissection from 230 oral cancer patients.**
G Pannone*¹, R Serpico², M Contaldo², F Longo², F Ionna², SM Papagerakis³, ¹University of Foggia, Italy, ²University of Naples, Italy, ³University of Michigan, United States
- [082] **Correlates and Patterns of Nodal Disease in Head and Neck Cancer. Do they Validate the Tenets of Head And Neck Surgery?**
C Liew*¹, G Robertson², J Devine¹, C Wales¹, J Morrison¹, J McMahon¹, ¹West of Scotland Regional Maxillofacial Service, United Kingdom, ²Beatson Oncology Centre, Glasgow, United Kingdom

- [O83] **Validation of an Expression Profile for Prediction of Lymph Node Metastasis from Primary Head and Neck Squamous Cell Carcinomas (HNSCC)**
FKJ Leusink^{*1}, P Roepman^{1,2}, JA Kummer¹, R Koole¹, ¹UMCU, Netherlands, ²Agendia, Netherlands, ³UMC St Radboud, Netherlands
- [O84] **Outcome of ultrasound guided fine needle aspiration cytology for initial staging and observing the NO neck in patients with early oral cancer**
R. de Bree^{*1}, G.B. Flach¹, M. Tenhagen¹, D.J. Kuik¹, J.A. Castelijns¹, C.R. Leemans¹, ¹VU University Medical Center, Netherlands
- [O85] **The role of CT, MR, US, and 18F-FDG PET/CT in detection of upper cervical lymph node metastases in oral cavity squamous cell carcinoma**
HR Chu^{*1}, JH Kim¹, SJ Oh¹, HY Ahn¹, DY Yoon¹, YS Rho¹, ¹Ilsong Memorial Institute of Head and Neck Cancer, Hallym University Medical Center, Korea, Republic of
- [O86] **A Preoperative Measure Of Tumor Thickness As A Predictor Of Cervical Nodal Metastasis In Oral Carcinoma**
C Drover¹, JRB Trites¹, R MacEachern¹, M Bullock¹, J Caines¹, SM Taylor^{*1}, ¹Dalhousie University, Canada
- [O87] **New Imaging Modalities for Sentinel Node Localization in Oral Cancer: SPECT/CT and Intra-operative Radioguidance with a Portable Gamma Camera.**
WMC KLOP^{*1}, L Vermeeren¹, RA Valdes Olmos¹, AJM Balm¹, MWM van den Brekel¹, ¹Netherlands Cancer Institute/ Antoni van Leeuwenhoek Hospital, Netherlands
- [O88] **Implementation of Sentinel Node Biopsy in the treatment of oral cavity squamous cell carcinomas – initial experience.**
L. Sebbesen^{*1}, A. Bilde¹, MH. Therkildsen², J. Mortensen³, L. Specht⁴, C. Buchwald¹, ¹Dept. of ORL-H&N surgery; Copenhagen University Hospital, Denmark, ²Dept. of Pathology; Copenhagen University Hospital, Denmark, ³Dept. of Clinical physiology & Nuclear Medicine; Copenhagen University Hospital, Denmark, ⁴Dept. of Oncology; Copenhagen University Hospital, Denmark
- [O89] **Evaluation of the diagnostic accuracy of RT-PCR quantification of the best mRNA markers in the detection of sentinel lymph node invasion in oral and oropharyngeal squamous cell carcinoma.**
V Burcia¹, J Solassol², V Costes³, E Barbotte⁴, D Deverbizier⁵, R Garrel^{*1}, ¹Head and Neck Surgery, Montpellier Teaching Hospital, France, ²Molecular and Cellular Biology Department, Montpellier Teaching Hospital, France, ³Pathology Department, Montpellier Teaching Hospital, France, ⁴Medical Statistics Department, Montpellier Teaching Hospital, France, ⁵Nuclear Medicine Department, Montpellier Teaching Hospital, France, ⁶Department of Otolaryngology, Ninewells Hospital and Medical School, Dundee, United Kingdom
- [O90] **What type of neck dissection should be performed after a positive sentinel node biopsy?**
A Misra^{*1}, T Shoaib¹, L Alkureishi¹, G Ross¹, T Atula¹, D Soutar¹, ¹Canniesburn Plastic Surgery Unit, United Kingdom
- [O91] **Scope and limitations of different mandibular reconstruction methods – a long term follow-up**
Peter Maurer^{*1}, Marcus S. Kriwalsky¹, Andreas Wysluch¹, Martin Kunkel¹, ¹Department of Oral and Maxillofacial Surgery, Ruhr-University, Germany
- [O92] **Osseocutaneous transplantation for mandibular osteoradionecrosis**
SP Chandarana^{*1}, EJP Chanowski¹, KA Casper¹, JS Moyer¹, J Lee¹, DB Chepeha¹, ¹University of Michigan Health System, United States
- [O93] **Maxillofacial Reconstruction with the Free Fibular Flap: 13-year Experience in a Regional Hospital in Hong Kong**
J YW Mak^{*1}, WY Cheung¹, ¹Kwong Wah Hospital, Hong Kong
- [O94] **Reconstruction of mandibular defects - A clinical review over a 25-year period**
A Eckardt^{*1}, B Sinikovic¹, H Kokemüller¹, S Friedrichs¹, N-C Gellrich¹, ¹Dept. of Oral and Maxillofacial Surgery, Hannover Medical School, Germany

- [O95] **Do Osteotomies of the Free Fibula Flap in Segmental Mandibular Reconstruction Influence Complications and Outcome?**
J.T.M. van Gemert^{*1}, E.M. Van Cann¹, R. Koole¹, ¹University Medical Center Utrecht, Netherlands
- [O96] **REHABILITATION AFTER MANDIBULAR RECONSTRUCTION WITH FIBULA FREE FLAP: CLINICAL (OUTCOME) AND QUALITY OF LIFE ASSESSMENT**
AG Dumans^{*1}, SOP Hofer^{1,2}, AC Hundepool¹, N Fokkens¹, SS Rayatt¹, EH van der Meij¹, ¹Erasmus University Medical Center, Netherlands, ²University Health Network, Canada
- [O97] **Composite fibular free flap donor site morbidity: The Birmingham experience**
SM Halsnad^{*1}, R Anand¹, D Srinivasan¹, T Martin¹, S Parmar¹, ¹Dept of oral & maxillofacial surgery, Queen Elizabeth Hospital, Birmingham, United Kingdom
- [O98] **The scapula flap - A 15 year experience**
F Bekiroglu^{*1}, AMS Brown¹, ¹University Hospital Birmingham NHS Foundation Trust, Birmingham, United Kingdom
- [O99] **Latissimus dorsi osseocutaneous revascularized tissue transfer: A bone flap with a long pedicle and flexible soft tissue**
SS Khariwala^{*1,2}, EJP Chanowski¹, JW Zumsteg¹, KM Malloy^{1,3}, JS Moyer¹, DB Chepeha¹, ¹University of Michigan, United States, ²University of Minnesota, United States, ³University of Pennsylvania Health Systems, United States
- [O100] **The Scapular Tip: A new angle to mandibular reconstruction**
J Yoo^{*1}, R Gilbert², ¹University of Western Ontario, Canada, ²University of Toronto, Canada
- [O101] **c-Met/HGF expression as a marker of tumor progression in oral tongue squamous cell carcinoma**
Young Chang Lim^{*1}, Chul-Ho Kim², Bon Seok Koo³, Yeo-Hoon Yoon³, Eun Chang Choi⁴, ¹Department of Otorhinolaryngology-Head and Neck Surgery, Konkuk University School of Medicine, Korea, Republic of, ²Department of Otolaryngology, Ajou University College of Medicine, Korea, Republic of, ³Department of Otolaryngology, Head and Neck Surgery, Chungnam National University Hospital, Korea, Republic of, ⁴Department of Otorhinolaryngology, Yonsei Head and Neck Cancer Clinic, Yonsei University Health System, Korea, Republic of
- [O102] **Cold shock domain protein A (CSDA) inhibits lymph node metastasis via repression of lymphangiogenesis in squamous cell carcinoma**
Goichi Matsumoto^{*1}, Eiro Kubota¹, ¹Department of Oral and Maxillofacial Surgery,, Japan
- [O103] **Chromosome instability predicts progression of premalignant lesions of the larynx**
V. E. Bergshoeff¹, F. J. Bot², F. C. S. Ramaekers³, J. J. Manni¹, B. Kremer¹, E-J. M. Speel^{*2,3}, ¹Department of Otorhinolaryngology, Head and Neck Surgery, Maastricht University Medical Center, Netherlands, ²Department of Pathology, Maastricht University Medical Center, Netherlands, ³Department of Molecular Cell Biology, Maastricht University Medical Center, Netherlands
- [O104] **Induction of xenobiotic drug metabolizing enzymes by smokeless tobacco, a culprit for oral cancer**
K.L. Khanduja^{*1}, Pramod Avti¹, C.M. Pathak¹, Kin Vaiphei¹, ¹PGIMER, Chandigarh, India
- [O105] **Functional Alteration of Oral Squamous Cell Carcinoma Aggressive Behavior Through uPAR-Associated Changes in Gene Expression**
M. Sharon Stack^{*1}, J.J. Johnson¹, Z. Shi¹, S. Frazier¹, R. Jiang¹, ¹University of Missouri, United States
- [O106] **Profiling Of Metastatic and Non-Metastatic Oral Squamous Cell Carcinoma Using Array Comparative Genomic Hybridization**
A Bhattacharya^{*1}, RCK Jordan¹, DG Albertson¹, BL Schmidt¹, ¹University of California San Francisco, San Francisco CA, United States

- [O107] **Differential expression of Glucose transporter 1 (GLUT1) and Carbonic Anhydrase IX (CA9) in human Head and Neck Squamous Cell Carcinomas**
K Shevchenko¹, M Williams², S Narendran³, N Vigneswaran^{*1}, ¹*Department of Diagnostic Sciences, The University of Texas Dental Branch at Houston, United States*, ²*Department of Pathology, The University of Texas M.D. Anderson Cancer Center, United States*, ³*Department of Community Dentistry, Case Western University School of Dental Medicine, United States*
- [O108] **microRNA Over-expression Predicts Progression of Oral Leukoplakia to Same-Site Oral Carcinoma**
Nilva Cervigne^{*1,2}, Patricia Reis¹, Natalie Galloni^{1,5}, Jerry Machado^{1,4}, Bekim Sadikovic³, Suzanne Kamel-Reid^{1,3}, ¹*Ontario Cancer Institute, Princess Margaret Hospital, Canada*, ²*Department of Otolaryngology, Hospital Calderon Guardia, Costa Rica*, ³*Hospital for Sick Children, Canada*, ⁴*Faculty of Dentistry, University of Toronto, Canada*
- [O109] **Enhanced Self-Renewal Properties of Transformed Oral Epithelial Cells after Interactions with Stromal Fibroblasts**
DE Costea^{*1,3}, AH Osman¹, A Ipatova¹, D Sapkota¹, E Neppelberg^{1,2}, S Lybak², ¹*University of Bergen, Norway*, ²*Haukeland University Hospital, Norway*, ³*Queen Mary University of Bergen, United Kingdom*
- [O110] **Epigenetic inactivation of the WNT-pathway genes in oral squamous cell carcinoma. Preliminary report.**
G Pannone^{*1}, P Bufo¹, P Papagerakis³, F Sanguedolce¹, A Santoro¹, L Lo Muzio¹, ¹*University of Foggia, Italy*, ²*University of Naples, Italy*, ³*University of Michigan, United States*
- [O111] **Weekly Docetaxel in Patients with Recurrent and/or Metastatic Squamous Cell Carcinoma of the Head and Neck.**
P Specenier^{*1}, M Rasschaert², Ph Vroman^{1,3}, ¹*Antwerp University Hospital, Belgium*, ²*OLV Hospital Aalst, Belgium*, ³*Iridium Cancer Network, Belgium*
- [O112] **A novel fusogenic herpes simplex virus mutant for oncolytic virotherapy of oral squamous cell carcinoma**
Y. Yura^{*1}, H. Takaoka¹, F. Ogawa¹, M. Shintani¹, S. Iwai¹, ¹*Osaka University, Japan*
- [O113] **Matrix metalloproteinase-7 and -13 predict response to cisplatin in head and neck cancer**
Anna Ansell¹, Fredrik Jerhammar¹, Rebecca Ceder³, Reidar Grenman⁴, Karin Roberg^{*1,2}, ¹*Department of Clinical and Experimental Medicine, Division of Otorhinolaryngology, Linköping University, Sweden*, ²*Division of Otorhinolaryngology, University Hospital, SE-58185 Linköping, Sweden*, ³*Institute of Environmental Medicine, Division of Biochemical Toxicology and Experimental Cancer Research, Karolinska Institution, Stockholm, Sweden*, ⁴*Department of Otorhinolaryngology, Head & Neck Surgery, Turku University Central Hospital, Finland*
- [O114] **Pre-clinical development of a bi-functional, cancer cell homing, PKCe inhibitory peptide for the treatment of head and neck cancer**
LW Bao², MA Gorin³, SD Merajver², TN Teknos¹, Q Pan^{*1}, ¹*The Ohio State University Medical Center, United States*, ²*University of Michigan Medical School, United States*, ³*Miller School of Medicine, University of Miami, United States*
- [O115] **Curcumin inhibits HNSCC by modulating the Akt/mTOR pathway**
C. A. Clark^{1,2}, Y. Rong¹, X. Rong¹, S. Shah¹, H. Barham¹, C. O. Nathan^{*1,2}, ¹*LSUHSC-Shreveport, United States*, ²*Feist-Weiller Cancer Center, United States*
- [O116] **Telomerase-Specific Replication-Selective Virotherapy for oral squamous cell carcinoma cell lines**
Satoru Shintani^{*1}, Yuji Kurihara¹, Yuichi Watanabe^{3,4}, Toru Kojima^{2,3}, Tatsuo Shirota¹, Masashi Hatori¹, ¹*Department of Oral and Maxillofacial Surgery, School of Dentistry, Showa University, Japan*, ²*Division of Surgical Oncology, Department of Surgery, Okayama University, Graduate School of Medicine and Dentistry, Japan*, ³*Center for Gene and Cell Therapy, Okayama University Hospital, Japan*, ⁴*Oncolys BioPharma, Inc., Japan*

- [O117] **Oropharyngeal Cancer with Advanced-Stage Regional metastasis: Outcomes Following Primary Chemoradiation Therapy**
 Roger V Moukarbel*¹, Varagur Venkatesan¹, Simon Pavamani¹, Alex Hammond¹, Nancy Read¹, Jason H Franklin¹, ¹The University of Western Ontario, Canada
- [O118] **FDG-and Acetate-PET in radiotherapy. Insights in tumour volume definition, oxidative metabolism and perfusion related to radio-responsiveness.**
 SJ Johansson*^{1,2}, AS Sun³, IT Turesson¹, JS Sörensen², ¹Dep of Oncology, Uppsala University Hospital, Sweden, ²Dep of Nuclear Medicin, Uppsala University Hospital, Sweden, ³Dep of Radiation Sciences, Umea University Hospital, Sweden
- [O119] **Management of Oral Tongue Carcinoma**
 R.I Smee*¹, K Broadley¹, J.R Williams¹, ¹Department of Radiation Oncology, Prince of Wales Cancer Centre, Australia
- [O120] **Shoulder Problems In Patients Treated By (Chemo)Radiation For Head And Neck Cancer: An Overlooked Sequel.**
 S van Weert*¹, M van Wouwe¹, R de Bree¹, P Doornaert¹, D Kuik¹, C R Leemans¹, ¹VU University Medical Center Amsterdam, Netherlands
- [O121] **Profiling of Epstein-Barr Virus Gene Expression Pattern in Oral Squamous Cell Carcinoma for Assessing Viral Tumorigenic Factor**
 Ching Yu Yen*¹, Shyun Yeu Liu¹, Ching Li², ¹Oral and Maxillofacial Surgery, Chi Mei Medical Center, Taiwan, ²Department of Microbiology and Immunology, National Chiayi University,, Taiwan
- [O122] **Identification of Cancer Stem cells (CSC) from primary Oral Squamous Cell Carcinoma (OSCC)**
 J.H. Lee*¹, K.S. Kim², M.J. Kim¹, S.M. Kim¹, K.H. Chang², H.J. Yoon², ¹Department of Oral & Maxillofacial Surgery, School of Dentistry, Seoul National University, Korea, Republic of, ²Cell and Immunobiology, and R&D Center for Cancer Therapeutics, National Cancer Center, Korea, Republic of
- [O123] **Improved prognosis of p16 positive oropharyngeal cancer is independent of treatment modality.**
 C.A. Fischer*¹, I. Zlobec², L. Tornillo², A. Lugli², M. Wolfensberger¹, L.M. Terracciano², ¹Department of Otolaryngology, Head and Neck Surgery, University Hospital, Petersgraben 4, 4031 Basel, Switzerland, ²Institute of Pathology, University Hospital, Schönbeinstrasse 40, 4031 Basel, Switzerland
- [O124] **TGF-beta1-Induced Expression of the Poor Prognosis SERPINE1/PAI-1 Gene in Oral Carcinoma Requires EGFR Signaling**
 R Samarakoon¹, CE Higgins¹, SP Higgins¹, PJ Higgins*¹, ¹Albany Medical College, United States
- [O125] **Hyaluronan promotes Rho kinase and PI-3 kinase signaling in head and neck cancer**
 SJ Wang*¹, C Torre¹, W Xia¹, LYW Bourguignon¹, ¹University of California, San Francisco, United States
- [O126] **Cooperation between cancer cell clones: a new paradigm for the malignant progression of carcinomas**
 JG Lyons*^{1,2}, E Lobo², MR Myerscough², ¹Sydney Head & Neck Cancer Institute, Australia, ²University of Sydney, Australia
- [O127] **EPS8 in Squamous Carcinogenesis**
 H Wang¹, V Patel², H Miyazaki¹, JS Gutkind², WA Yeudall*¹, ¹Virginia Commonwealth University, United States, ²NIDCR, United States
- [O128] **No mutation of p53 in the surgical margin of oral carcinomas**
 A. Bilde*¹, C. Thode², M.H. Therkildsen³, P. Guldborg⁴, C. von Buchwald¹, E. Dabelsteen², ¹Dept. of ORL - H&N Surgery, Copenhagen University Hospital, Copenhagen, Denmark, ²Dept. of Oral Diagnostics, Dental Institute ,University of Copenhagen, Copenhagen, Denmark, ³Dept. of Pathology, Copenhagen University Hospital, Copenhagen, Denmark, ⁴Institute of Cancer Biology, Danish Cancer Society, Copenhagen, Denmark, Denmark

- [O129] **Characterization of genomic and transcriptomic alterations in four oral tongue tumors by massively parallel ligation sequencing**
DI Smith^{*1}, Brian Tuchs², Rebecca Laborde¹, Eric Moore¹, Jan Kasperbauer¹, Sumit Middha¹, ¹Mayo Foundation, United States, ²Applied Biosystems, United States
- [O130] **Transcriptome Signature of the Extracellular Matrix and Adhesion Molecules in Oral Squamous Cell Carcinomas from Sudanese N-nitrosamine Rich Toombak Users**
D Sapkota^{*1}, O Bruland¹, EN Vasstrand¹, SO Ibrahim¹, ¹University of Bergen, Norway
- [O131] **Lapse in Oral Cancer Staging? Role of Three Dimensional CT scan in Oral Cancer Diagnosis & Staging.**
Kar Madhabananda^{*1}, Thulkar Sanjay², Deo S.V.S², Kumar Sunil², Datta Gupta Sidhartha², Shukla N. K.², ¹Kalinga Institute of Medical Sciences, India, ²All India Institute of Medical Sciences, India
- [O132] **Transoral Robotic Surgery for Oropharyngeal Carcinoma- Functional and Oncologic Outcomes**
EJ Moore^{*1}, KD Olsen¹, JL Kasperbauer¹, ¹Mayo Clinic, United States
- [O133] **Assessment of tumor thickness in oral carcinoma using an intraoral ultrasound probe**
WJ Lodder¹, HJ Teertstra¹, IB Tan^{1,2}, FA Pameijer¹, LE Smeele¹, MWM van den Brekel^{*1,2}, ¹Netherlands Cancer Institute Amsterdam, Netherlands, ²University of Amsterdam, Academic medical Center, Netherlands
- [O134] **ANTERIOR CRANIOFACIAL RESECTION IN CENTRO-FACIAL TUMORS**
G RIVERA¹, JF GALLEGOS-HERNANDEZ^{*1}, G GUINTO-BALANZAR², F COHN-ZURITA², G MINAURO-MUÑOZ¹, H ARIAS-CEBALLOS¹, ¹Hospital de Oncología, CMN, IMSS, Mexico, ²Hospital de Especialidades, CMN. IMSS, Mexico
- [O135] **The results of salvage treatment for regional recurrence in oral squamous cell carcinoma**
C.S. Cheng^{*1}, Y.L. Hsiao¹, Y.K. Wong¹, ¹Taichung veterans general hospital, Taiwan
- [O136] **Frozen section analysis of bony mandible for rapid assessment of malignant infiltration**
Andreas Wysluch¹, Marcus Kiwalsky¹, Ingo Stricker¹, Frank Hoelzle¹, Klaus-Dietrich Wolff¹, Peter Maurer^{*1}, ¹Ruhr-Universität Bochum, Germany
- [O137] **The Mandibulotomy: Friend or Foe? Part I: Safety Outcomes**
P. Dziegielewski^{*1}, M.A. Mlynarek¹, D. Cote¹, J. Dimitri¹, J. Harris¹, H. Seikaly¹, ¹University of Alberta, Canada
- [O138] **The mandibulotomy: friend or foe? Part II: aesthetic and functional outcomes**
P. Dziegielewski^{*1}, D.A. O'Connell¹, D. Cote¹, J. Rieger², M.A. Mlynarek¹, H. Seikaly¹, ¹University of Alberta, Canada, ²Institute for Reconstructive Sciences in Medicine, Canada
- [O139] **Factors affecting the duration of gastrostomy after maxillofacial oncology surgery.**
c avery^{*1}, ¹University hospitals of leicester, United Kingdom
- [O140] **TBC**
- [O141] **Microinvasive access to the visceral autoflaps for microsurgical reconstruction in head and neck cancer patients**
I.V. Reshetov^{*1}, V.I. Chissov¹, S.A. Kravtsov¹, M.V. Ratushnyy¹, ¹P.A. Herten Moscow Cancer Research Institute, Russian Federation
- [O142] **A proposal of the new guideline for the reconstruction of oral cavity and oropharynx**
MS Kim^{*1}, JU Park¹, JH Cho¹, YH Joo¹, KJ Cho¹, DI Sun¹, ¹The Catholic University of Korea, Korea, Republic of
- [O143] **PERFORATOR FLAPS:NEW STANDARD IN HEAD AND NECK RECONSTRUCTION**
L.F PINGARRÓN MARTÍN^{*1}, J.M LÓPEZ-ARCAS¹, L.J ARIAS GALLO¹, M.J. MORÁN SOTO¹, I. NAVARRO CUÉLLAR¹, M. BURGUEÑO GARCÍA¹, ¹university hospital La Paz, Spain

- [O144] **Tongue reconstruction with free flaps**
prabha yadav^{*1}, ¹Tata Memorial hospital, India
- [O145] **Functional reconstruction of near total glossectomy defects using composite gastro omental-dynamic gracilis flaps**
S Duarah¹, M Sharma¹, S Salih¹, MA Kuriakose¹, S Iyer^{*1}, ¹Amrita Institute of Medical Sciences, Kochi, India
- [O146] **COMPARATIVE STUDY OF THE ANTEROLATERAL THIGH FLAP VERSUS THE RADIAL FOREARM FREE FLAP IN HEAD AND NECK CANCER RECONSTRUC**
Antonio Marí¹, Carlos Arranz¹, Seira Ramon¹, ¹Hospital Universitari Bellvitge, Spain
- [O147] **Reconstruction of Mid-facial Defect with Free Tissue Transfer after Surgery of Nasal Cavity and Maxillary Sinus Cancer**
YH Joo^{*1}, DI Sun¹, JH Cho¹, KJ Cho¹, SH Cho¹, MS Kim¹, ¹The Catholic University of Korea, Korea, Republic of
- [O148] **MICROVASCULAR MAXILLAR RECONSTRUCTION: FUNCTIONAL AND COSMETIC, COST OUTCOMES.**
H Seikaly^{*1}, J Rieger¹, K Ansari¹, JR Harris¹, ¹University of Alberta, Canada
- [O149] **Iliac Crest-Tensor Facia Lata osteomyocutaneous flap for orbitomaxillary reconstruction**
S Iyer^{*1}, MA Kuriakose¹, ¹Amrita Institute of Medical Sciences, Kochi, India
- [O150] **The Current Role of the Pedicled Pectoralis Major Flap in Reconstructive Head and Neck Surgery.**
C.M.E. Avery^{*1}, S.T. Crank¹, J.P. Hayter¹, ¹University Hospitals of Leicester, United Kingdom
- [O151] **Evaluation of positron-emission and computed tomography (PET-CT) imaging service for patients with malignant cervical lymph nodes and an unknown primary tumour**
MJ Monteiro^{*1}, K Altman¹, J Herold¹, G Burkill¹, I Francis¹, J Dikomite¹, ¹Brighton and Sussex University Hospitals NHS Trust, United Kingdom
- [O152] **Evaluation of Molecular markers for the assessment of occult metastasis in Lymph nodes in Head and Neck Squamous Cell carcinoma**
A Suresh¹, S Duarah¹, KR Hiran¹, S Sundaram¹, V Kekatpure¹, MA Kuriakose^{*1}, ¹Amrita Institute of Medical Sciences, Kochi, India
- [O153] **Neck dissections; factors affecting outcomes and morbidity**
Rachel Walker¹, Vyomesh Bhatt^{*1}, Neal Barnard¹, ¹Worcestershire Acute Hospitals NHS Trust, United Kingdom
- [O154] **Identification and Validation of Diagnostic/Prognostic markers for Tongue Cancer**
A Suresh¹, M Vannan¹, K Dhanya¹, EM Elango¹, K Thangaraj^{1,2}, MA Kuriakose^{*1}, ¹Amrita Institute of Medical Sciences, Kochi, India, ²Centre for Cellular and Molecular Biology, hyderabad, India
- [O155] **The presence of occult metastases in non-sentinel lymph node in oral squamous cell carcinoma**
AC Christensen^{*1}, AB Bilde¹, MHT Therkildsen¹, BC Charabi¹, JK Kirkegaard¹, LS Specht¹, ¹Dept. of ORL – H&N surgery, Dept. of Pathology, Dept. of Oncology, Copenhagen University Hospital, Denmark
- [O156] **Nodal Metastasis in Clinical Stage I and II Tongue and Floor of the Mouth Squamous Cell Carcinomas**
DR Camisasca^{*1}, FL Dias³, PAS Faria⁴, DA Pereira², G Alves², SQC Lourenco¹, ¹Pathology Post Graduation Program – Fluminense Federal University (UFF), Brazil, ²Applied Genetics Laboratory - National Cancer Institute (INCA-RJ), Brazil, ³Head and Neck Service (INCA-RJ), Brazil, ⁴Pathology Division (INCA-RJ), Brazil
- [O157] **Prediction of Subclinical Regional Lymph Node Metastasis in Stage I/II Squamous Cell Carcinoma of the Tongue**
K Nakamoi^{*1}, A Miyazaki¹, Y Sogabe¹, T Imai¹, T Yamamoto¹, ¹Department of Oral Surgery, Sapporo Medical University School of Medicine, Japan
- [O158] **Improving the pN staging accuracy with sentinel node biopsy in T1-T2 N0 oral and oropharyngeal squamous cell carcinoma.**

- Renaud Garrel*¹, valérie Costes², Jean Luc Faillie³, Quentin Gardiner⁴, César Cartier¹, Michel Zanca⁵, ¹Head and Neck Surgery Department, Gui de Chauliac Hospital, Montpellier University Hospital Center, France, ²Pathology Department, Gui de Chauliac Hospital, Montpellier University Hospital Center, France, ³Medical Statistics Department, Arnaud de Villeneuve Hospital, Montpellier University Hospital Center, France, ⁴Department of Otolaryngology, Ninewells Hospital and Medical School, Dundee, United Kingdom, ⁵Nuclear Medicine Department, Gui de Chauliac Hospital, Montpellier University Hospital Center, France
- [O159] **Predictive Factors of Nodal Metastasis in Tonsil Cancer**
DJ LEE*¹, SJ CHO¹, HR CHU¹, JH KIM¹, HY Ahn¹, YS Rho¹, ¹Ilsong Memorial Institute of Head and Neck Cancer, Hallym University Medical Center, Korea, Republic of
- [O160] **Management of Cervical Lymph Node Metastasis in Tonsillar Squamous Cell Carcinoma**
KJ Cho*¹, YH Joo¹, DI Sun¹, JH Cho¹, JU Park¹, MS Kim¹, ¹The Catholic University of Korea, Korea, Republic of
- [O161] **Surgery alone versus surgery plus radiotherapy for patients with T1T2N0 oral squamous cell carcinoma**
F. Jégoux*¹, N. Alno², C. Bedfert¹, A. Cazé¹, G. Le Clech¹, ¹Service d'otorhinolaryngologie et chirurgie maxillofaciale. Centre Hospitalo-Universitaire, Rennes., France, ²Service de pathologie et chirurgie buccale. Centre Hospitalo-Universitaire, Rennes., France
- [O162] **Excisional biopsy with margin control for small oral squamous cell carcinoma**
Sheng-Po Hao*^{1,2}, Ku-Hao Fang¹, Jie Zheng³, ¹Chang Gung Memorial Hospital, Taiwan, ²Chang Gung University, Taiwan, ³Xiamen Chang Gung Hospital, China
- [O163] **Determining the optimal length for resection margins in treating oral SCC.**
AC Cheng*¹, BL Schmidt¹, ¹University of California, San Francisco, United States
- [O164] **A prospective study of surgical margin status in oral squamous cell carcinoma (oscc)**
Yahalom Ran*^{1,2}, Marilena Vered^{1,2}, Shlomo Teicher^{1,2}, Yoav P Talmi^{1,2}, Lev Bedrin^{1,2}, Alex Dobriyan^{1,2}, ¹Sheba Medical Center, Israel, ²Tel Aviv University, Israel
- [O165] **Comparing the Performance of Quantitative Cytology versus the Oral CDX Brush Test®.**
A.R. Kerr*¹, S. Kafle¹, W. Peng², D.A. Sirois¹, ¹New York University, United States, ²University of Southern California, United States
- [O166] **Lab-on-a-chip Sensor for Analysis of Cellular Biomarkers in Oral Exfoliative Cytology: A New Diagnostic Tool for Early Detection of Oral Cancer**
S.E. Weigum*¹, S.W Redding², C. Yeh², H.S. McGuff³, N. Vigneswaran⁵, J.T. McDevitt¹, ¹Department of Chemistry and Biochemistry, University of Texas at Austin, United States, ²Department of Dental Diagnostic Sciences, University of Texas Health Science Center at San Antonio, United States, ³Department of Pathology, University of Texas Health Science Center at San Antonio, United States, ⁴Department of Otolaryngology Head and Neck Surgery, University of Texas Health Science Center at San Antonio, United States, ⁵Department of Diagnostic Science, University of Texas Health Science Center at Houston, United States, ⁶Department of Pathology, M.D. Anderson Cancer Center, United States
- [O167] **Targeting Oral Cancer lesion in vivo with modularly designed magnetite nanoparticles**
Dar-Bin Shieh*¹, Ping-Chin Wu¹, Fong-Yu Cheng², Chen-Sheng Yeh², ¹Inst. Oral Medicine, National Cheng Kung University, Taiwan, ²Dept. Chemistry, National Cheng Kung University, Taiwan
- [O168] **Integration of clinical, histopathological, radiological and biomolecular data for prediction of oral cancer reoccurrence: the NeoMark Project's first report**
Tito Poli*¹, Alfredo Balestreri¹, Diego Ardigo¹, Enrico Silini¹, Roberto Perris¹, Enrico Sesenna¹, ¹University of Parma, Italy
- [O169] **A Novel Morbidity Prediction Score for Head and Neck Oncosurgeries**
M THOMAS¹, N A GEORGE*¹, P SEBASTIAN¹, P G BALAGOPAL¹, P S GEORGE¹, ¹REGIONAL CANCER CENTRE , TRIVANDRUM, India
- [O170] **PREDICTORS OF RECURRENCE IN CARCINOMA OF THE LOWER GINGIVA AND BUCCAL MUCOSA - A REVIEW OF 499 PATIENTS**

N A GEORGE¹, P SEBASTIAN¹, R Sankaranarayanan², BS ANISH¹, R Kashyap¹, R Muwonge²,
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France

- [O171] **Nodal Ratio is an Independent Predictor of Survival in Squamous Cell Carcinoma of the Oral Cavity**
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- [O172] **Predictive factors for occult metastases in sentinel lymph nodes of early oral squamous cell carcinomas**
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- [O173] **Is Prophylactic Neck Dissection Mandatory in T1/T2 N0 Oral Cancer Patients?**
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- [O174] **Total Node Count in Neck Dissection – Is it significant?**
D Srinivasan¹, R Anand², S Farooq¹, M Halsnad², T Malins¹, P Grime¹, ¹University Hospitals of Northstaffordshire, United Kingdom, ²University Hospitals of Birmingham, United Kingdom
- [O175] **Metastases to Level IIb in squamous cell carcinoma of the oral cavity: A systematic review and meta-analysis**
J Lea^{1,2}, G Bachar^{1,2}, A Sawka^{1,2}, DC Lakra^{1,2}, RW Gilbert^{1,2}, JC Irish^{1,2}, ¹University Health Network, Canada, ²University of Toronto, Canada
- [O176] **A Double Blind Randomized Control Trial of Selective Neck Dissections Including Level 2b or Not 2b on Electromyography, Clinical Examination and Questionnaire-Based Outcomes.**
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- [O177] **Neck Dissection in Node Positive Squamous Cell Carcinoma of Oropharynx**
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- [O178] **Salvage treatment for isolated nodal recurrence after curative surgery for head and neck squamous cell carcinoma**
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- [O179] **Cervical Metastasis of Squamous Cell Carcinoma of the Upper Jaw - a retrospective study of 9 years**
ALD Kruse¹, KW Graetz¹, ¹University Hospital Zurich, Department of Craniomaxillofacial and Oral Surgery, Switzerland
- [O180] **Squamous cell carcinoma of the maxilla: is elective neck dissection indicated?**
F Bekiroglu¹, RJ Shaw¹, JS Brown¹, ED Vaughan¹, ¹University Hospital Aintree, United Kingdom
- [O181] **Cohort Studies in Oral Precancer Management : Intervention vs Observation**
P J THOMSON¹, M L GOODSON¹, O HAMADAH¹, ¹Newcastle University, United Kingdom
- [O182] **Pan-endoscopy of the upper aerodigestive tract for patients with oral cancer**
KM Rodriguez-Bruno¹, MJ Ali¹, SJ Wang¹, ¹University of California, San Francisco, United States

- [O183] **Efficacy of follow up after treatment of a squamous cell carcinoma of the oral cavity an oropharynx**
JLN Roodenburg*¹, MC Hamstra¹, IS Haring van der¹, GH Bock de¹, ¹University Hospital Groningen, Netherlands
- [O184] **Oral & Pharyngeal Cancer (OPC) Screening in Irish Addiction Treatment Centres**
E.M. O'Sullivan*¹, ¹Cork University Dental School & Hospital, Ireland
- [O185] **Novel Computer-based Assessment of Frontline Defenders for Secondary Prevention of Oral Cancer**
C.M. Patel*¹, D.K. Lam¹, B.L. Schmidt¹, ¹University of California San Francisco, Department of Oral & Maxillofacial Surgery, United States
- [O186] **Epidemiology of Oral Cancer in the West Midlands, UK**
K Rehman*¹, A Monaghan¹, ¹University Hospital Birmingham, United Kingdom
- [O187] **A Population-Based Study of Case Mix, Treatment and Outcome of Oral Cavity Cancer Across the Geographic Regions of Ontario, Canada**
P. Groome*¹, S. Rohland¹, S. Hall¹, J. Irish², W. Mackillop¹, B. O'Sullivan², ¹Division of Cancer Care and Epidemiology, Queen's University Cancer Research Institute, Canada, ²Princess Margaret Hospital, Canada
- [O188] **Controversies In The TNM Staging For Head And Neck Cancers**
R Kazi¹, K Manikantan¹, B Elmiyeh¹, C Nutting¹, P Rhys-Evans*¹, K Harrington¹, ¹Royal Marsden NHS, United Kingdom
- [O189] **Low incidence rates of oral cancer in patients using COX-2 inhibitors -an analysis from national health insurance database in Taiwan**
Y.H. Yang*¹, P.S. Ho¹, C.L. Cheng², Y.C. Ko¹, Y.H. Kao Yang², ¹Kaohsiung Medical University, Taiwan, ²National Cheng Kung University, Taiwan
- [O190] **Image Cytometry for Oral Cancer Screening**
C MacAulay¹, C Poh¹, M Guillaud¹, L Zhang¹, M Rosin*¹, ¹BC Cancer Research Centre, University of British Columbia, Vancouver, Canada
- [O191] **Chromosome stability in tonsillar squamous cell carcinoma is associated with HPV and a favorable prognosis**
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- [O192] **Double demonstration of oncogenic HPV DNA and HPV-E7 protein in 8,57% of oral cancers. Preliminary report.**
G Pannone*¹, P Bufo¹, A Santoro¹, SM Papagerakis⁵, C Rubini⁴, L Lo Muzio¹, ¹University of Foggia, Italy, ²University of Naples, Italy, ³University of Palermo, Italy, ⁴University of Ancona, Italy, ⁵University of Michigan, United States
- [O193] **HPV Identification and Immunohistochemical Expression of Retinoblastoma Pathway Proteins in Oral Carcinogenesis**
R Acay*¹, SOM de Sousa¹, ¹University of São Paulo, Brazil
- [O194] **HPV Detection in Head and Neck Cancer using the Roche Linear Array HPV Genotyping Test.**
J. Machado*^{1,2}, P.P. Reis², T. Zhang², C. Simpson², W. Xu², B. Perez-Ordóñez², ¹University of Toronto, Canada, ²University Health Network, Canada
- [O195] **THE PREVALENCE OF HUMAN PAPILLOMAVIRUS (HPV) IN ORAL AND OROPHARYNX SQUAMOUS CELL CARCINOMA**
Dorota Polz*¹, Malgorzata Polz-Dacewicz¹, Kammal Morshed¹, ¹Medical University Lublin, Poland, ²Medical University Lublin, Poland, ³Medical University Lublin, Poland
- [O196] **Human papiloma virus in oral squamous cell carcinomas from young non-smokers in the region of Northern Greece**
AK Kyrgidis*^{1,2}, RV Valeri¹, GK Koloutsos^{1,2}, AN Ntomouchtsis¹, KV Vahtsevanos¹, D Mangoudi^{2,1}, ¹Department of Oral and Maxillofacial Surgery, Theagenio Cancer Hospital, Thessaloniki, Greece, ²University

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- [O197] **The aetiopathogenesis of HPV in malignant disease: evidence for a global immunisation programme**
M. S. Miah*¹, R. A. Crosbie¹, R. E. Mountain¹, S. Mahendran¹, ¹*Ninewells Hospital and Medical School, Dundee, United Kingdom*
- [O198] **Etiologic significance of Human Papilloma Virus in Oropharyngeal Squamous Cell Carcinoma in relation to Tobacco and Alcohol**
F Farshadpour¹, S Konings¹, JS Speel², P Slootweg¹, R Koole*¹, JA Kummer¹, ¹*University Medical Center Utrecht, Netherlands, 2University Medical Center Maastricht, Netherlands*
- [O199] **Molecular Characterization of HPV16-Associated Squamous Cell Carcinomas of the Oropharynx and Larynx**
D Holzinger^{1,2}, G Halec^{1,2}, M Schmitt², M Pawlita², FX Bosch*¹, ¹*Molecular Biology Laboratory, Department of Otolaryngology, Head and Neck Surgery, Heidelberg University, Germany, 2Division of Genome Modifications and Carcinogenesis, DKFZ, Heidelberg, Germany*
- [O200] **Prognostic value of HPV and cervical metastasis in oropharyngeal squamous cell carcinomas.**
J.M.J.A.A. Straetmans*¹, N. Olthof¹, I. Vos¹, E.J.M. Speel¹, J. de Jong², B. Kremer¹, ¹*Maastricht University Medical Centre, Netherlands, 2Maastricht Radiation Oncology Hospital, Netherlands*