

Project Title: The impact of oral health in head and neck squamous cell carcinoma survival

Principal Applicant: Andrew Olshan

Co-Applicants:

Jason Tasoulas (Univ. Of North Carolina)
Antonio L. Amelio (Univ. Of North Carolina)
Douglas Farquhar (Univ. Of North Carolina)
Kimon Divaris (Univ. Of North Carolina)
Trevor Hackman (Univ. Of North Carolina)
Paolo Boffetta (Mt. Sinai)

Summary:

Our recent analysis of data from the North Carolina Head and Neck Cancer Epidemiology (CHANCE) Study identified an association between routine dental visits during the preceding decade and mortality risk. A stronger association was observed in the oral cavity. Daily tooth brushing twice, or more was associated with better survival in both groups (HNSCC patients and controls). To confirm and extend these finding using a large, international resource, we propose to examine associations between oral health parameters and survival in HNSCC patients using the International Head and Neck Cancer Epidemiology (INHANCE) pooled data