

WEB SCIENTIFIC EVENT

Πανελλήνιο Συνέδριο

Σύγχρονα Θέματα Ογκολογίας



Χορηγούνται
πλήρη
Συνεπιδόματα
Ιατρικής
Εκπαίδευσης
(CME-CPD)

27-29 ΜΑΪΟΥ 2021

ακτινοθεραπεία των καρκίνων
κεφαλής & τραχήλου
υπάρχουν εξελίξεις;

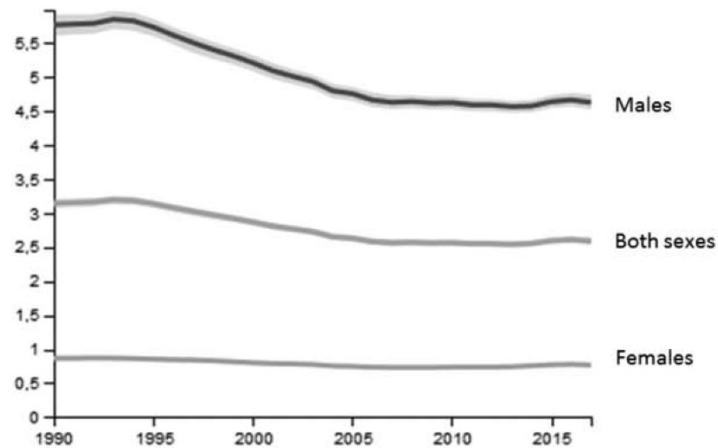
Ιωάννης Γεωργακόπουλος
Ακτινοθεραπευτής Ογκολόγος

epidemiology

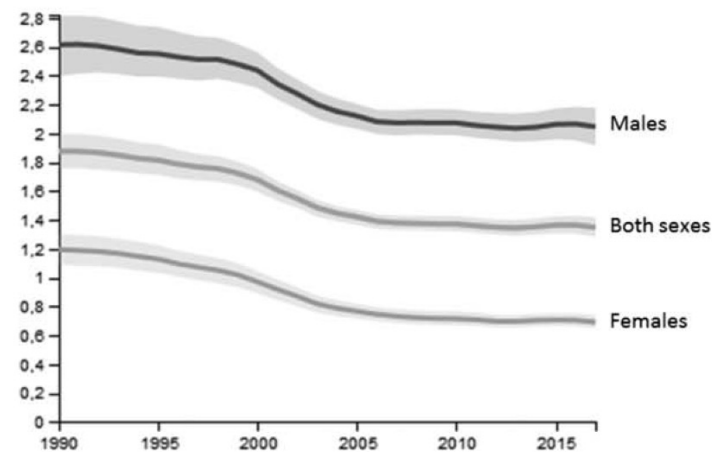
- ✓ globally 2017:
 - 890000 new cases (5.3 % of all cancers)
 - 507000 deaths (5.3% of all cancer deaths)
- ✓ 1990 to 2017, incidence rates for larynx and nasopharyngeal cancers decreased, whereas they increased for other pharyngeal cancers and lip/oral cavity cancers

epidemiology

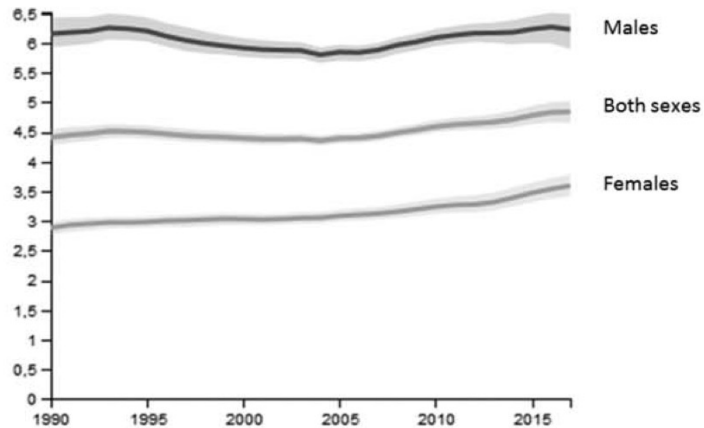
Laryngeal cancers



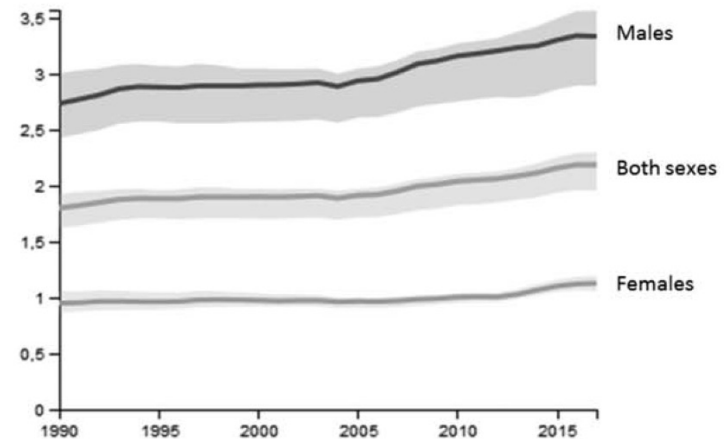
Nasopharyngeal cancers



Oral cavity cancers



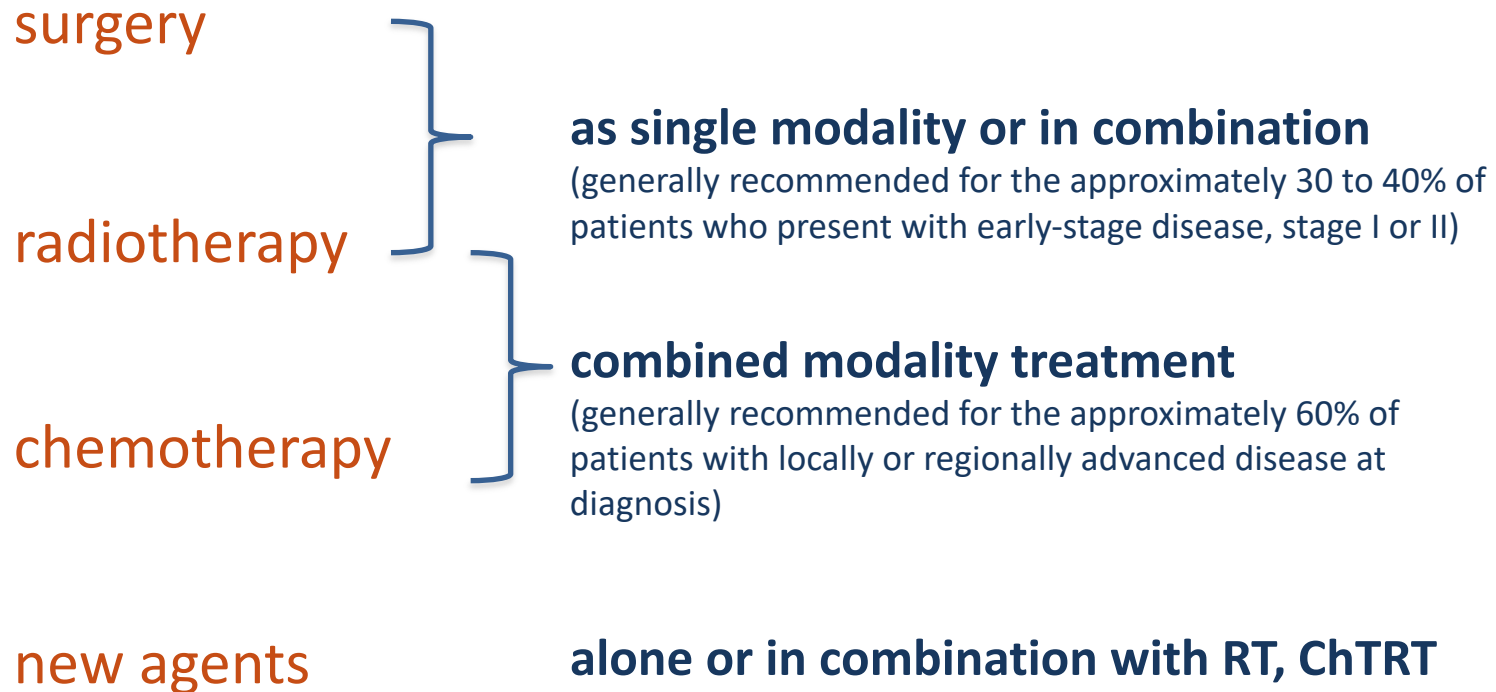
Other pharyngeal cancers



risk factors

- ✓ tobacco
- ✓ alcohol
- ✓ chronic viral infection (HPV, EBV)
- ✓ betel nut chewing
- ✓ male gender
- ✓ genetic susceptibility
- ✓ occupational exposure
- ✓ malnutrition
- ✓ poor dental care
- ✓ mechanical irritation

treatment modalities



considerations in decision making

- ✓ pretreatment considerations
 - comorbidities
 - malnutrition
 - oral health
- ✓ morbidity of treatment
- ✓ what do patients want?

major issues regarding (ChT)RT in locally advanced HNCa

- ✓ induction ChT
- ✓ induction ChT vs concurrent chemoradiotherapy
- ✓ adjuvant ChT
- ✓ cisplatin bolus vs weekly administration
- ✓ cisplatin vs carboplatin
- ✓ Cetuximab plus radiotherapy
- ✓ other EGFR inhibitors plus chemoradiation
- ✓ Cetuximab vs cisplatin for definitive chemoradiation
- ✓ immunotherapy plus chemoradiation

guidelines

- ✓ major role of RT both in early & advanced stages
- ✓ plus ChT or other agents in multimodal setting
for unresectable disease or organ preservation approaches

outline

- ✓ technological advances in photon based RT

2D/3DCRT vs IMRT

- ✓ expand indications of RT

reirradiation of recurrent disease

hadrontherapy

- ✓ deintensified RT in HPV related OPC

technological advances in photon based RT