



***ESPERIENZA MONOISTITUZIONALE IN
PAZIENTI ANZIANI CON TUMORE DEL CAVO
ORALE AVVIATI A RADIOTERAPIA:
COMPLIANCE E OUTCOMES***

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Introduction:

REVIEW

Optimal management of the elderly patient with head and neck cancer: Issues regarding surgery, irradiation and chemotherapy

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- ↳ Since up 24% of HNC cases are diagnosed in patients older than 70 years
- ↳ Elderly pts -> 46-53% of HNC were located in oral cavity

Often elderly pts were considered frail



Undertreatment -> better tolerated than standard treatment



Worse results



MACH-HN e MARCH:

- > reduced treatment efficacy with increasing age over 70 yy
- > concomitant CRT/non conventional RT are not superior to RT



Higher risk of death due to non cancer related

↓ compliance to combined treatment

Similar observation for patients (> 65 years) also for concomitant RT and cetuximab

Patients characteristics:

- March 2010- February 2015: 37 oral cavity pts
- 21 pts > 65 yy
- Median age: 72 yy (range 65-96)
- 1/21 pt -> palliative RT

Radical (6 pts)

Stage	N° pts
IVa	2
IVb	2
III	2 (1 pt rec)

Adjuvant (14 pts)

Stage	N° pts
IVa	12 (2 rec)
II	2 (2 rec)

Site

N°
pts

Gengiva	4
Guancia	4
Lingua	8
Palato duro	1
Pelvi orale	1
Trigono retromolare	2

Systemic treatment:

- Adjuvant RT:
8/14 pts (57%) -> ECE, R1 → 2/8 pts (25%) CDDP
- Radical RT:
3/6 (50%) pts CDDP or Cetuximab

Radiotherapy:

	3DCRT	IMRT	Median Dose
Adjuvant	6	8	66 Gy
Radical	1	5	69,6 Gy



Endpoints:

- Acute toxicity
- Compliance to planned treatment
- Outcomes

Acute toxicity:

	G1	G2	G3
<i>Mucositis</i>	3 (15%)	16 (80%)	1 (5%)
<i>Erythema</i>	5 (25%)	13 (65%)	2(10%)
<i>Dysgeusia</i>	9 (45%)	5 (25%)	1 (5%)
<i>Pain</i>	9 (45%)	8 (38%)	/
<i>Dysphagia</i>	7 (35%)	5 (25%)	6 (30%)

Compliance to treatment:

I. Breaks:

- median OTT: 44 days (range: 41-56)
- toxicity: 6 days in 1 pt
- Other causes: median 2 days (range 0-6 days)

II. Hospitalization:

- in 2 patients

during RT (10 days) due to fever

after RT (11 days) due to pneumonia -> death

Compliance to treatment:

III. Nutritional support:

- Necessary in 8/20 pts (40%)
- Median weight loss: 4 Kg

	PEG	SNG	NP
Adjuvant	2		2
Radical	1	1	2
Total	3	1	4

Outcomes:

Median follow up: 23 months (2-53)

- 7/20 (35%) death:
 - 5 (25%) pts PD
 - 1 (5%) pt metastasis from second lung cancer
 - 1 (5%) pt toxicity (pneumonia)

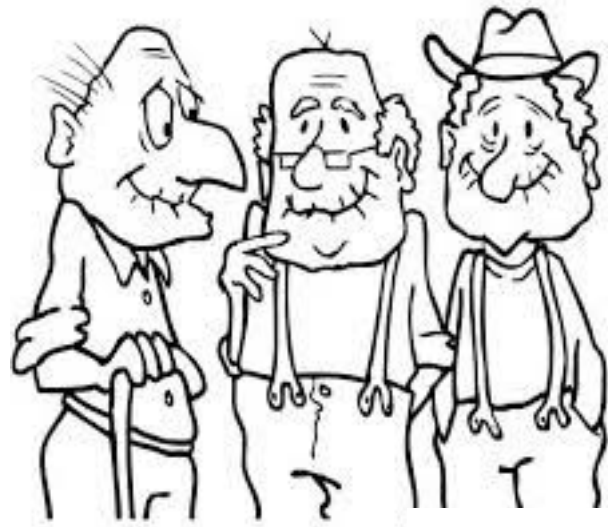
	N° dead pts
Adjuvant RT	3 (2 rec)
Radical RT	4 (1 rec)

- 13/20 (65%) are disease free:
 - 2/6 (33%) pts radical radiotherapy
 - 11/14 (79%) pts adjuvant radiotherapy

Conclusions:

- Good results for elderly pts that underwent to surgery and adjuvant RT
- Age itself should never guide therapeutic decision
- Multidisciplinary pre-treatment evaluation
- Selective elderly pts may underwent to combined therapy as yonger





Thank you!