

Clinical trials of Induction chemotherapy for Head and neck cancer in all type of patients

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1 docetaxel based induction CT

| Trial | Treatments | Patients | Trials design and methods |
|---|---|--|----------------------------------|
| TPF vs no induction chemotherapy | | | |
| Hitt (TPF) , 2005 <i>ongoing</i> n=NA follow-up: | induction chemotherapy with docetaxel + 5-FU+ cisplatin , TPF induction with docetaxel, cisplatin, 5-FU followed by chemoradiotherapy versus chemoradiotherapy | patients with locally advanced, unresectable SCCHN | open Spanish |
| AVENTIS-DFCI-04006 <i>ongoing</i> [NCT00095875] n=NA follow-up: | induction chemotherapy comprising docetaxel, cisplatin, and fluorouracil followed by radiotherapy and carboplatin or docetaxel versus radiotherapy and cisplatin only | stage III or IV Histologically or cytologically confirmed squamous cell carcinoma of the head and neck | |
| SWOG-S0427 <i>ongoing</i> [NCT00268372] n=NA follow-up: | induction chemotherapy (docetaxel,cisplatin,5FU) with or without salvage surgery followed by chemoradiotherapy (with cisplatin) versus chemoradiotherapy (with cisplatin) | Patients With Advanced Oropharyngeal Squamous Cell Cancer | |
| XRP6976F₂501 <i>ongoing</i> [NCT00357149] n=NA follow-up: | Neoadjuvant Docetaxel Plus Cisplatin and 5-Fluorouracil Followed by Concomitant Chemoradiotherapy versus Chemoradiotherapy Alone | Patients With Locally Advanced Squamous Cell Carcinoma of the Head and Neck | |
| DeCIDE (IRB 13362B, Chicago) <i>ongoing</i> [NCT00117572] n=NA follow-up: | Induction CT with docetaxel,cisplatin, fluorouracil followed by chemoradiotherapy (with docetaxel, fluorouracil, hydroxyurea) versus Chemoradiotherapy with docetaxel,fluorouracil, hydroxyurea | patients with nodal stage N2 or N3 head and neck cancer | Open |
| TP vs PF | | | |
| Fonseca , 2005 n=42/41 follow-up: NA | induction CT with cisplatin/docetaxel versus induction CT with cisplatin and 5-fluorouracil (PF) | patients chemotherapy-naive with locally advanced resectable and non-resectable SCCHN | Parallel groups Open Spain |
| TPF vs PF | | | |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|--|---|--|
| Posner (TAX324) , 2007 [NCT00273546] n=255/246 follow-up: >24 months | induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy versus standard cisplatin/5-FU (PF) induction chemotherapy followed by chemoradiotherapy | locally advanced (stage III/IV) squamous cell carcinoma of head and neck with unresectable tumor or candidates for organ preservation | Parallel groups open US, Canada, Argentina, Europe |
| EORTC 24971 (TAX 323) , 2006 unpublished [NCT00003888] n=177/181 follow-up: 1.75 y | induction chemotherapy with docetaxel + cisplatin + 5 FU followed by radiotherapy +/- surgery (before or after radiotherapy) versus induction chemotherapy with cisplatin + 5 FU followed by radiotherapy +/- surgery (before or after radiotherapy) | patients with stage III or IV unresectable locally advanced SCCHN | Parallel groups Open Europe |
| GORTEC 2000-01 [NCT00169182] n=112/108 follow-up: NA | induction chemotherapy with docetaxel + cisplatin + 5-FU versus induction chemotherapy with cisplatin + fluorouracil | patients with locally advanced larynx and hypopharynx tumors requiring initially total laryngectomy | Parallel groups open France |
| TAX324 (Larynx preservation subset) , 2007 [NCT00273546] n=90/76 follow-up: >24 months | induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy , induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy versus standard cisplatin/5-FU (PF) induction chemotherapy followed by chemoradiotherapy | locally advanced (stage III/IV) squamous cell carcinoma of larynx and hypopharynx, candidates for organ preservation | open US, Canada, Argentina, Europe |
| XRP6976F/2503 ongoing [NCT00261703] n=NA follow-up: | With Docetaxel-Cisplatin and 5-Fluoruracil (TPF) versus Cisplatin-5fluoruracil (PF) Followed by Concomitant Treatment With Cisplatin and Conventional Radiotherapy | Locally Advanced Squamous Cell Head and Neck Cancer, Non-Resectable | Parallel groups Open Portugal |
| Hitt docetaxel , 2005 ongoing n=NA follow-up: | induction chemotherapy with docetaxel + 5-FU+ cisplatin versus induction chemotherapy with 5-FU+ cisplatin | patients with locally advanced, unresectable SCCHN | Parallel groups open Spanish |
| Dana-Farber Cancer Institute (Posner) import ongoing [NCT00004214] n=NA follow-up: | induction CT with docetaxel, cisplatin, fluorouracil followed by chemoradiotherapy (with carboplatin) versus induction CT with cisplatin and fluorouracil followed by chemoradiotherapy (with carboplatin) | - | |

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AVENTIS-DFCI-04006, 0:

SWOG-S0427, 0:

XRP6976F₂₅₀₁, 0 :

DeCIDE (IRB 13362B, Chicago), 0:

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GORTEC 2000-01, 0:

Calais G, Pointreau Y, Alfonsi M, et al. Randomized phase III trial comparing induction chemotherapy using cisplatin (P) fluorouracil (F) with or without docetaxel (T) for organ preservation in hypopharynx and larynx cancer: preliminary results of GORTEC 2000-1. 42nd Annual Meeting of the American Society of Clinical Oncology; June 2-6, 2006; Atlanta, Georgia. Abstract 5506. [0]

TAX324 (Larynx preservation subset), 2007:

XRP6976F/2503, 0:

Hitt docetaxel, 2005:

Hitt R, Grau JJ, Lopez-Pousa A, et al. Randomized phase II/III clinical trial of induction chemotherapy (ICT) with either cisplatin/5-fluorouracil (PF) vs docetaxel (T) plus PF (TPF) followed by chemoradiotherapy (CRT) vs CRT alone for unresectable locally advanced head and neck cancer 42nd Annual Meeting of the American Society of Clinical Oncology; June 2-6, 2006; Atlanta, Georgia. Abstract 5515 [0]

R. Hitt, J. Grau, A. Lopez-Pousa, A. Berrocal, C. Garca-Giron, J. Belon, J. Sastre, J. Martinez-Trufero, H. Cortes-Funes, J. Cruz-Hernandez Randomized phase II/III clinical trial of induction chemotherapy (ICT) with either cisplatin/5-fluorouracil (PF) or docetaxel/cisplatin/5-fluorouracil (TPF) followed by chemoradiotherapy (CRT) vs. crt alone for patients (pts) with unresectable locally advanced head and neck cancer (LAHNC). Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006: 5515

2 induction polyCT with platin

| Trial | Treatments | Patients | Trials design and methods |
|---|--|---|-------------------------------------|
| MEPFL vs no induction chemotherapy | | | |
| National Health Research Institutes, Taiwan <i>ongoing</i> [NCT00201396] n=NA follow-up: | Induction MEPFL (Mitomycin C, Epirubicin, Cisplatin, 5-Fluorouracil, Leucovorin) three cycles followed with weekly cisplatin concurrently with radiotherapy versus Weekly cisplatin concurrently with radiotherapy | Patients with advanced nasopharyngeal Carcinoma stage IVA (T4) and/or IVB (N3) but without distant metastasis | |
| polyCT with platin vs no induction chemotherapy | | | |
| Kohno , 2000 n=13/11 follow-up: 5.6y (5-6.6y) | induction chemotherapy with cisplatin, etoposide, mitomycin-C followed by surgery versus surgery alone | patients with previously untreated stage III and IV resectable squamous cell carcinoma of the oral cavity and pharynx | Parallel groups Open Japan |
| Maipang (Songkla) , 1995 n=30/24 follow-up: NA | induction chemotherapy + surgery + post operative radiotherapy versus surgery + post operative radiotherapy | advanced stage III and IV SCCHN with resectable tumor | Parallel groups open Thailand |
| Mazon (Crteil-82) , 1992 n=55/61 follow-up: NA | induction chemotherapy (bleomycin, methotrexate, 5-fluorouracil, cisplatin) + locoregional treatment (+/- surgery + radiotherapy) versus locoregional treatment alone (+/- surgery + radiotherapy) | Stage II-IV squamous cell carcinoma of the oropharynx or oral cavity | Parallel groups Open france |
| Jaulerry Trial 2 (Curie)(HNCGIC03) , 1992 n=55/53 follow-up: 2.5 y (0.83-3.4y) | induction chemotherapy (cisplatin,5FU, vindesine) + radiotherapy +/- surgery versus radiotherapy | T3, T4 tumors of the oropharynx, hypopharynx, larynx, oral cavity and T2 hypopharynx | Parallel groups Open france |
| Salvajoli (AC Camargo) , 1992 n=30/30 follow-up: 2.3y median | induction chemotherapy (vinblastine, mitomycin, cisplatin, bleomycin) and radiotherapy (70 Gy) versus radiotherapy alone (70 Gy) | Patients with unresectable stage IV squamous cell carcinoma of the oral cavity, oropharynx, hypopharynx | Parallel groups open Brazil |
| Brunin (HNCGIC02) , 1989 n=48/52 follow-up: 2.9y median, range 1.2-4.6 | induction chemotherapy (cisplatin, bleomycin, vindesine, mitomycin) prior radiotherapy (55 Gy) +/- surgery versus radiotherapy (55 Gy) +/- surgery alone | stage III and IV carcinomas of the oral cavity, oropharynx and larynx and stage II carcinomas of the hypopharynx | Parallel groups open France |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|---|--|--------------------------------------|
| Schuller (SWOG 8006) , 1988 n=82/76 follow-up: median 5y | induction chemotherapy, surgery and post operative radiotherapy versus surgery and post operative radiotherapy | operable stage III-IV epidermoid carcinoma of the head and neck | Parallel groups open US |
| Szpirglas (Piti-81) , 1988 n=NA | - | - | |
| Carugati (Buenos Aires) , 1988 n=82/38 follow-up: 5 y | induction chemotherapy before radical treatment versus radical treatment | stage III and IV of SSC of the oral cavity, larynx, oropharynx | Parallel groups open Argentina |
| HNCP , 1987 n=140/152 follow-up: median 5.1y (range 3.1-6.6) | induction chemotherapy (cisplatin + bleomycin) + surgery + postoperative radiotherapy versus surgery + radiotherapy | resectable stage III or IV cancers of the oral cavity, larynx or hypopharynx | Parallel groups open US |
| polyCT with platin vs cisplatin | | | |
| Chauvergne , 1988 n=122/119 follow-up: | cisplatin, vincristin, methotrexate, bleomycin versus cisplatin alone | unresectable advanced squamous cell carcinoma of head and neck | Parallel groups open france |

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Brunin F, Rodriguez J, Jaulerry C, Mosseri V, Jouve M, Point D, Asselain B, Validire P, Blaszk B, Zafrani B [Role of neoadjuvant chemotherapy in the treatment of advanced head and neck tumors. Results of two randomized therapeutical trials conducted at the Institut Curie on 208 patients] *Bull Cancer* 1992;79:893-904 [1283088]

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3 induction polyCT without platin

| Trial | Treatments | Patients | Trials design and methods |
|---|--|--|--|
| polyCT without platin vs no induction chemotherapy | | | |
| Richard (EORTC 78-OCP) , 1991 n=112/110 follow-up: median 5y (range 1-9y) | intraarterial induction chemotherapy (vincristine, bleomycin) + surgery + post operative radiotherapy versus surgery + post operative radiotherapy | Squamous cell carcinoma of the oral cavity and oropharynx | Parallel groups open europe |
| Jortay (EORTC 24771) , 1990 n=89/98 follow-up: 5y mean | induction chemotherapy with vincristine, bleomycin, methotrexate followed by surgery +/- radiotherapy versus surgery +/- radiotherapy | operable epidermoid carcinoma of the pyriform sinus | Parallel groups open France, Italy |
| Holoye (MCW-1) , 1985 n=43/40 follow-up: at least 2y post diagnosis | induction chemotherapy (bleomycin, cytoxan, MTX, 5FU) + standard treatment (preoperative radiotherapy followed by surgery) versus standard treatment (preoperative radiotherapy followed by surgery) | Stage III and IV squamous cell carcinoma of oral cavity, oropharynx, nasopharynx, nasal cavity or paranasal sinuses, larynx hypopharynx and stage II of pyriform sinus | Parallel groups open US |

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4 Larynx preservation

| Trial | Treatments | Patients | Trials design and methods |
|--|--|---|--|
| TPF vs PF | | | |
| Posner (TAX324) , 2007 [NCT00273546] n=255/246 follow-up: >24 months | induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy versus standard cisplatin/5-FU (PF) induction chemotherapy followed by chemoradiotherapy | locally advanced (stage III/IV) squamous cell carcinoma of head and neck with unresectable tumor or candidates for organ preservation | Parallel groups open US, Canada, Argentina, Europe |
| EORTC 24971 (TAX 323) , 2006 unpublished [NCT00003888] n=177/181 follow-up: 1.75 y | induction chemotherapy with docetaxel + cisplatin + 5 FU followed by radiotherapy +/- surgery (before or after radiotherapy) versus induction chemotherapy with cisplatin + 5 FU followed by radiotherapy +/- surgery (before or after radiotherapy) | patients with stage III or IV unresectable locally advanced SCCHN | Parallel groups Open Europe |
| GORTEC 2000-01 [NCT00169182] n=112/108 follow-up: NA | induction chemotherapy with docetaxel + cisplatin + 5-FU versus induction chemotherapy with cisplatin + fluorouracil | patients with locally advanced larynx and hypopharynx tumors requiring initially total laryngectomy | Parallel groups open France |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|--|--|---------------------------------------|
| TAX324 (Larynx preservation subset) , 2007 [NCT00273546] n=90/76 follow-up: >24 months | induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy , induction chemotherapy consisting of docetaxel added to cisplatin/5-FU (TPF) followed by chemoradiotherapy versus standard cisplatin/5-FU (PF) induction chemotherapy followed by chemoradiotherapy | locally advanced (stage III/IV) squamous cell carcinoma of larynx and hypopharynx, candidates for organ preservation | open US, Canada, Argentina, Europe |
| XRP6976F/2503 <i>ongoing</i> [NCT00261703] n=NA follow-up: | With Docetaxel-Cisplatin and 5-Fluoruracil (TPF) versus Cisplatin-5fluoruracil (PF) Followed by Concomitant Treatment With Cisplatin and Conventional Radiotherapy | Locally Advanced Squamous Cell Head and Neck Cancer, Non-Resectable | Parallel groups Open Portugal |
| Hitt docetaxel , 2005 <i>ongoing</i> n=NA follow-up: | induction chemotherapy with docetaxel + 5-FU+ cisplatin versus induction chemotherapy with 5-FU+ cisplatin | patients with locally advanced, unresectable SCCHN | Parallel groups open Spanish |
| Dana-Farber Cancer Institute (Posner) import <i>ongoing</i> [NCT00004214] n=NA follow-up: | induction CT with docetaxel, cisplatin, fluorouracil followed by chemoradiotherapy (with carboplatin) versus induction CT with cisplatin and fluorouracil followed by chemoradiotherapy (with carboplatin) | - | |
| induction PF vs surgery | | | |
| GETTEC , 1998 n=NA follow-up: median 5 y | induction chemotherapy with cisplatin and fluorouracil, followed by radiotherapy in good responders, and by total laryngectomy plus radiotherapy in poor responders versus total laryngectomy followed by radiotherapy | advanced (T3) larynx carcinoma considered for total laryngectomy | Parallel groups Open France |
| Veterans Affairs , 1998 n=NA follow-up: 2.75y median (0.9-5.2) | three cycles of chemotherapy (cisplatin and fluorouracil) and definitive radiotherapy versus conventional laryngectomy and postoperative surgery | stage III and IV previously untreated carcinoma of the larynx | Parallel groups open USA |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|---|--|-----------------------------------|
| EORTC 24891 , 1996 [EORTC 24891] n=100/94 follow-up: 4.25 years median (0.25-8.8) | induction chemotherapy with cisplatin plus fluorouracil + radiotherapy or surgery + post operative surgery versus total laryngectomy + postoperative radiotherapy | squamous cell carcinomas of the pyriform sinus or aryepiglottic fold | Parallel groups open Europe |

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Posner MR, Hershock DM, Blajman CR, Mickiewicz E, Winquist E, Gorbounova V, Tjulandin S, Shin DM, Cullen K, Ervin TJ, Murphy BA, Raez LE, Cohen RB, Spaulding M, Tishler RB, Roth B, Viroglio Rdel C, Venkatesan V, Romanov I, Agarwala S, Harter KW, Dugan M, Cisplatin and fluorouracil alone or with docetaxel in head and neck cancer. N Engl J Med 2007 Oct 25;357:1705-15 [[17960013](#)]

EORTC 24971 (TAX 323), 2006:

Remenar E, Van Herpen C, Lluch JG, et al A randomized phase III multicenter trial of neoadjuvant docetaxel plus cisplatin and 5-fluorouracil (TPF) versus neoadjuvant PF in patients with locally advanced unresectable squamous cell carcinoma of the head and neck (SCCHN). Final analysis of EORTC 24971[Abstract] J Clin Oncol 24 (Suppl 18): A-5516, 2006

Vermorken JB, Remenar E, van Herpen C, Gorlia T, Mesia R, Degardin M, Stewart JS, Jelic S, Betka J, Preiss JH, van den Weyngaert D, Awada A, Cupissol D, Kienzer HR, Rey A, Desauois I, Bernier J, Lefebvre JL Cisplatin, fluorouracil, and docetaxel in unresectable head and neck cancer. N Engl J Med 2007;357:1695-704 [[17960012](#)]

GORTEC 2000-01, 0:

Calais G, Pointreau Y, Alfonsi M, et al. Randomized phase III trial comparing induction chemotherapy using cisplatin (P) fluorouracil (F) with or without docetaxel (T) for organ preservation in hypopharynx and larynx cancer: preliminary results of GORTEC 2000-1. 42nd Annual Meeting of the American Society of Clinical Oncology; June 2-6, 2006; Atlanta, Georgia. Abstract 5506. [[0](#)]

TAX324 (Larynx preservation subset), 2007:

XRP6976F/2503, 0:

Hitt docetaxel, 2005:

Hitt R, Grau JJ, Lopez-Pousa A, et al. Randomized phase II/III clinical trial of induction chemotherapy (ICT) with either cisplatin/5-fluorouracil (PF) vs docetaxel (T) plus PF (TPF) followed by chemoradiotherapy (CRT) vs CRT alone for unresectable locally advanced head and neck cancer 42nd Annual Meeting of the American Society of Clinical Oncology; June 2-6, 2006; Atlanta, Georgia. Abstract 5515 [[0](#)]

R. Hitt, J. Grau, A. Lopez-Pousa, A. Berrocal, C. Garca-Giron, J. Belon, J. Sastre, J. Martinez-Trufero, H. Corts-Funes, J. Cruz-Hernandez Randomized phase II/III clinical trial of induction chemotherapy (ICT) with either cisplatin/5-fluorouracil (PF) or docetaxel/cisplatin/5-fluorouracil (TPF) followed by chemoradiotherapy (CRT) vs. crt alone for patients (pts) with unresectable locally advanced head and neck cancer (LAHNC). Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006: 5515

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5 other induction CT

| Trial | Treatments | Patients | Trials design and methods |
|--|---|--|-----------------------------------|
| CT with methotrexate vs no induction chemotherapy | | | |
| Fazekas (RTOG 6801) , 1980 n=312/326 follow-up: 1.67y mean | induction chemotherapy with methotrexate followed by radiotherapy +/- post radiotherapy surgery versus radiotherapy alone +/- post radiotherapy surgery | locally advanced squamous cell carcinoma or lymphoepithelioma of the oral cavity, oropharynx, supraglottic larynx or hypopharynx | Parallel groups open US |
| Richard (IGR-65) , 1974 n=21/18 follow-up: 5 years at least | Intra arterial infusion chemotherapy with methotrexate followed by radiotherapy versus radiotherapy alone | advanced cancer (T4) of the oral cavity and oropharynx | Parallel groups Open France |
| PBM vs PF | | | |
| Clark (Dana farber cancer Institute 83-084) , 1988 n=55/55 follow-up: | induction chemotherapy with bleomycin, cisplatin, LTX, leucovorin (PBM) followed by local treatment (surgery and/or radiotherapy) versus induction chemotherapy with cisplatin, 5FU followed by local treatment (surgery and/or radiotherapy) | patients with previously untreated stage III and IV squamous cell carcinomas of head and neck (SCCHN) | Parallel groups open US |
| VP16 based CT vs PF | | | |
| Prvost , 2005 n=99/98 follow-up: NA | induction chemotherapy with cisplatin+VP16 + radiotherapy versus induction chemotherapy with cisplatin+5-FU+ radiotherapy | patient with unresectable advanced head and neck cancer | Parallel groups open France |

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6 paclitaxel based induction CT

| Trial | Treatments | Patients | Trials design and methods |
|--|---|---------------------------------------|----------------------------------|
| paclitaxel based CT vs PF | | | |
| Hitt paclitaxel , 2005 n=189/193 follow-up: 1.93y (0.025-5y) | induction chemotherapy with paclitaxel, cisplatin, and fluorouracil versus induction chemotherapy with cisplatin and FU | locally advanced head and neck cancer | Parallel groups Open Spain |

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10.1200/JCO.2004.00.1990

7 PF induction CT

| Trial | Treatments | Patients | Trials design and methods |
|--|--|--|--------------------------------------|
| PF vs no induction chemotherapy | | | |
| Dalley (AHNTG) , 1995 n=140/140 follow-up: 4.8y | induction chemotherapy with cisplatin, fluorouracil followed by definitive local therapy versus definitive local therapy alone | locally advanced untreated squamous cell carcinoma of head and neck | Parallel groups open Australia |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|---|--|--|
| Licitra , 2003 [NCT00002747] n=98/97 follow-up: 6.3 y median | induction chemotherapy with cisplatin and fluorouracil followed by surgery +/- radiotherapy versus surgery alone +/- radiotherapy | resectable untreated oral cavity squamous cell carcinoma | Parallel groups Open Italy |
| RTOG 91-11 (I+RT vs RT alone) , 2003 n=173/173 follow-up: 6.9y (median) | induction cisplatin plus fluorouracil followed by radiotherapy, versus radiotherapy alone | locally advanced cancer of the larynx requiring total laryngectomy | Parallel groups Open USA |
| Hareyama , 2002 n=40/40 follow-up: 4.08 y (median) (range 0.3-9.2) | two courses of chemotherapy, consisting of cisplatin and 5-fluorouracil (CDDP-5FU), that were administered before radiation therapy versus radiotherapy alone | locoregional carcinoma of the nasopharynx | Parallel groups Open Japan |
| Domenge (GETTEC) , 2000 n=157/161 follow-up: 5y median | induction chemotherapy with cisplatin plus fluorouracil followed by loco-regional treatment consisted either of surgery plus radiotherapy or of radiotherapy alone versus locoregional treatment consisted either of surgery plus radiotherapy or of radiotherapy alone | Patients with a squamous cell carcinoma of the oropharynx for whom curative radiotherapy or surgery was considered feasible | Parallel groups Open France |
| Lewin (SHNG-85) , 1997 n=215/208 follow-up: 4.5y mean, 1.5-8y | induction chemotherapy (Cisplatin, 5 FU) followed by radiotherapy +/- surgery versus radiotherapy alone +/- surgery | Patients with non resectable squamous cell carcinoma of the oropharynx, hypopharynx and larynx, stage III to IV, or with resectable and non resectable tumor of the oral cavity stage II to IV | Parallel groups open Denmark, Norway, Sweden |
| Gedouin (Rennes-87) , 1996 n=57/64 follow-up: 5y median | induction chemotherapy (cisplatin + 5FU) before regional treatment versus regional treatment alone | patients with squamous cell carcinoma of hypopharynx and base of tongue | Parallel groups open France |
| Hasegawa (HNAP-02) , 1996 n=25/25 follow-up: 3.7y | 2 cycles of neoadjuvant CT: CDDP (70mg/m2, day 1) and 5FU (660mg/m2, day 2-6) followed by surgery versus surgery (without preoperative treatment) | patients with resectable previously untreated advanced head and neck squamous cell carcinoma (stage III/IV M0) | |
| Domenge (GETTEC neo1) , 1995 n=83/83 follow-up: median 3y | induction chemotherapy with cisplatin plus fluorouracil followed by radiotherapy versus radiotherapy | oropharyngeal tumor | Parallel groups open France |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|---|---|--|
| Di Blasio (Parma) , 1994 n=35/31 follow-up: median 4y (1.9-6.25) | induction chemotherapy with cisplatin, fluorouracil followed by locoregional treatment versus locoregional treatment alone | stage II-IV resectable head and neck cancer | Parallel groups open Italy |
| Volling (Cologne) , 1994 n=48/47 follow-up: 1.75y (range 1-2y) | Induction chemotherapy (carboplatin, 5-FU) + surgery + postoperative radiotherapy versus surgery + postoperative radiotherapy | resectable stage T2-T3, N0-N2 carcinomas of oral cavity, oro- and hypopharynx and a performance status of at least 2 | Parallel groups Open Deutschland |
| Paccagnella (GSTTC-86) , 1994 n=118/119 follow-up: median 12.5 y range 10.7-14,6 | four cycles of cisplatin and 5-fluorouracil followed by locoregional treatment versus locoregional treatment alone | histologically proven squamous cell carcinoma of the hypopharynx, oropharynx, oral cavity, or paranasal sinus; stage III or IV disease without distant metastases | Parallel groups open Italy |
| Depondt (CFHNS) , 1993 n=NA follow-up: 2.1y | carboplatin 400mg/m2 x3, fluorouracil 5000mg/m2 x3 versus RT or S+RT | patients with head and neck cancer | Parallel groups France |
| Tejedor (Las Palmas) , 1992 n=19/17 follow-up: 1y minimum | three courses of induction chemotherapy followed by radiotherapy versus radiotherapy alone | Patients with locally advanced squamous cell carcinoma of the head and neck, stages III-IV, M0 | Parallel groups Open Spain |
| Toohill (MCW-2) , 1987 n=27/33 follow-up: 24-44 months | induction chemotherapy (cisplatin, fluorouracil) + radiotherapy (50 Gy) + surgery versus radiotherapy (50 Gy) + surgery | advanced squamous cell carcinoma of the upper aerodigestive tract | Parallel groups Open US |
| BNH 003 unpublished n=NA follow-up: NA | cisplatin 100mg/m2 x2-3, 5 fluorouracil 4000 mg/m2 x2-3 versus surgery + radiotherapy | - | |
| EORTC 24844 unpublished [EORTC-24844] n=74/65 follow-up: NA | Induction Chemotherapy with Cisplatin and fluorouracil followed by Surgery followed by Radiotherapy versus Surgery followed by Radiotherapy | Advanced Squamous Cell Carcinoma of the Lateral Oropharynx and Lateral Posterior Oral Cavity | Parallel groups Open |
| Hitt (PF) , 2005 ongoing n=NA follow-up: | induction chemotherapy with docetaxel + 5-FU+ cisplatin , PF induction followed by chemoradiotherapy versus chemoradiotherapy | patients with locally advanced, unresectable SCCHN | open Spanish |

carboplatin, 5FU vs PF

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|--|---|----------------------------------|
| De Andres , 1995 n=46/49 follow-up: minimum 5y | induction chemotherapy with carboplatin and fluorouracil versus induction chemotherapy with cisplatin and fluorouracil | stage IV-M0 head and neck cancer | Parallel groups open Spain |
| PF with leucovorin vs PF | without leucovorin | | |
| Fonseca , 1997 n=18/21 follow-up: NA | induction chemotherapy with cisplatin,5FU and leucovorin versus induction chemotherapy with cisplatin and 5FU | Stage III-IVa locally advanced head and neck cancer | Parallel groups Open Spain |

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