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Title: Futile thoracotomy in lung cancer

Ms. E. 3886 Perez Guzman esti_pguzman@hotmail.com MD ¹, Ms. S. 3887 Castro Quintas sonia.castroquintas@osakidetza.net MD ¹, Ms. B. 3888 Gomez Crespo beatriz.gomez Crespo@osakidetza.net MD ¹, Ms. L. 3889 Garcia Etxeberria larraitz.garciaetxeberrria@osakidetza.net MD ¹, Mr. U. 3890 Jimenez Maestre unai.jimenezmaestre@osakidetza.net MD ², Ms. M. 3891 Intxausti Iñiguiz marta.intxaustiñiguiz@osakidetza.net MD ¹, Ms. A. 3892 Sagarna Aguirrezabala amaia.sagarnaaguirrezabala@osakidetza.net MD ¹ and Prof. P. 3894 Ansola Zubiaurre pansola@bizkaia.eu MD ¹. ¹ Neumology Department, Cruces University Hospital, Barakaldo, Bizkaia, Spain, 48902 and ² Thoracic Surgery, Cruces University Hospital, Barakaldo, Bizkaia, Spain, 48902 .

Body: Introduction: Overall lung cancer survival is very low, and only in initial stages treated by surgery exceeds 50%. Therefore, one of our main aims at staging is the appropriate selection of patients for surgery, but even in some cases results are unfavorable Objective: Analyze futile thoracotomies defined as death/recurrence in the first year, or an intraoperative finding of N2/T4 unresectable; as well as survival data. Material and Methods: Revision of cancer resections in 2008-2009, excluding neoadjuvancy. Analysis of factors influencing survival and futile thoracotomies, using uni and multivariate analysis (Cox regression) and Kaplan-Meier curves Results: 166 patients (135 men, 31 women). Mean age 62 (39-82). General characteristics.

In multivariate survival analysis we found statistically significant influence of the factors : T>3 cm, SUV>8 and TNMq, in multivariate analysis only remains TNMq. Thoracotomies data

Conclusions: -Postoperative mortality at one month: 2,4% and at 3 months 3,6% -3 year survival: 67,7% determined by TNMq -Futile thoracotomies performed:36%, 28% if we exclude patients alive at 3 years -Higher percentage of futile thoracotomies in stages II and III, and in adenocarcinomas.