

## The palliative therapy of NSCLC in the medical practice

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### Subject and aims:

The data of the treatment of NSCLC patients have been recorded and evaluated in a group of medical practices specialized in oncology (PIO) since January 2003. The aim is to document the general treatment and quality in Germany outside the framework of studies.

### Methods:

Out of 1,452 registered patients, 1,057 have been documented and evaluated so far, 685 patients died. 79 medical practices specialized in oncology are involved.

### Results

26 (2%) of the patients received an adjuvant chemo- or radio-/chemotherapy, 10 (1%) patients an adjuvant radiotherapy.

1,057 patients received a palliative chemo+/-immuno- resp. radiotherapy. 2,223 therapies were administered. 54% of the patients received a 2<sup>nd</sup>-line therapy, 19% a 3<sup>rd</sup>-line therapy and 6% a 4<sup>th</sup>-line therapy. As a maximum, 8 therapies were administered.

The substances were applied as follows (1<sup>st</sup>-line resp. 2<sup>nd</sup>-line):

Platinum: 75% resp. 23%, taxane: 38% resp. 22%, vincaalcaloids: 36% resp. 25%, antimetabolite: 22% resp. 19%, tyrosine-kinase inhibitors: 1% resp. 22%, multitarget antifolate: 0,9% resp. 10%, Bevacizumab: 2% resp. 1%.

In the 1<sup>st</sup>-line therapy, 250 (24%) patients received a monotherapy, in the 2<sup>nd</sup>-line therapy 423 (73%) patients.

The remission resp. response rate in the 1<sup>st</sup>-line therapy is 30% resp. 69% for the whole group, in the 2<sup>nd</sup>-line therapy 19% resp. 55%.

The median overall survival as from initial metastasizing according to Kaplan-Meier is 12.0 months, the overall survival as from the initial diagnosis is 16.0 months.

### Conclusions

Within the framework of health services research excellent data were recorded which show that the median overall survival in everyday practice is similar to that of the survey results.