

17. Appendices

17.1 Staging of lung cancer

Stage of disease at diagnosis in Cancer Registry of Norway (1)

The stages used in survival analyses are as follows:

- Localized: An invasive neoplasm confined entirely to the organ of origin
- Regional: The neoplasm has extended beyond the limits of the organ of origin into regional lymph nodes (clinical or histological) or directly into surrounding tissue or organs
- Distant: The neoplasm has spread to other lymph nodes, metastasized to remote organs (liver, lung, brain, skin, bone system a.o.)
- Unstaged: Information either unknown or insufficient to assign a stage

TNM Descriptors in the International System of Staging Lung Cancer (82)

Primary tumor (T)

- TX Primary tumor cannot be assessed, or tumor proven by the presence of malignant cells in sputum or bronchial washings but not visualized by imaging or bronchoscopy
- TO No evidence of primary tumor
- Tis Carcinoma in situ
- T1 Tumor <3 cm in greatest dimension, surrounded by lung or visceral pleura, without bronchoscopic evidence of invasion more proximal than the lobar bronchus* (ie, not in the main bronchus)
- T2 Tumor with any of the following features of size or extent:>3 cm in greatest dimension, involves main bronchus, >2 cm distal to the carina, invades the visceral pleura. Associated with atelectasis or obstructive pneumonitis that extends to the hilar region, but does not involve the entire lung.
- T3 Tumor of any size that directly invades any of the following: chest wall (including superior sulcus tumors), diaphragm, mediastinal pleura, parietal pericardium; or tumor in the main bronchus <2 cm distal to the carina, but without involvement of the carina; or associated atelectasis or obstructive pneumonitis of the entire lung

T4 Tumor of any size that invades any of the following: mediastinum, heart, great vessels, trachea, esophagus, vertebral body, carina; or tumor with a malignant pleural or pericardial effusion, or with satellite tumor nodule(s) within the ipsilateral primary-tumor lobe of the lung

Regional lymph nodes (N)

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

N1 Metastasis to ipsilateral peribronchial and/or ipsilateral hilar lymph nodes, and intrapulmonary7 nodes involved by direct extension of the primary7 tumor

N2 Metastasis to ipsilateral mediastinal and/or subcarinal lymph node(s)

N3 Metastasis to contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene, or supraclavicular lymph node(s)

Distant metastasis (M)

MX Presence of distant metastasis cannot be assessed

MO No distant metastasis

M1 Distant metastasis present

*The uncommon superficial tumor of any size with its invasive component limited to the bronchial wall, which may extend proximal to the main bronchus, is also classified T1.

Most pleural effusions associated with lung cancer are due to tumor. However, there are a few patients in whom multiple cytopathologic examinations of pleural fluid show no tumor. In these cases, the fluid is nonbloody and is not an exudate. When these elements and clinical judgment dictate that the effusion is not related to the tumor, the effusion should be excluded as a staging element and the patient's disease should be staged T1, T2, or T3. Pericardial effusion is classified according to the same rules.

*Separate metastatic tumor nodule(s) in the ipsilateral nonprimary-tumor lobe(s) of the lung also are classified M1.

<u>Stage</u>	<u>TNM Subset</u>
0	Carcinoma in situ
IA	T1N0M0
IB	T2N0M0
IIA	T1N1M0

IIB T2N1M0
T3N0M0

IIIA T3N1M0
T1N2M0
T2N2M0
T3N2M0

IIIB T4N0M0
T4N1M0
T4N2M0
T1N3M0
T2N3M0
T3N3M0
T4N3M0

IV Any T Any N M1

*Staging is not relevant for occult carcinoma, designated TXNOMO.

Sources:

1. Hansen S LE, Norstein J, Næss Å. Cancer in Norway 2000. Oslo: Cancer Registry of Norway. Institute of Population-based Cancer Research, Oslo Norway; 2002.
2. Mountain CF. Revisions in the International System for Staging Lung Cancer. Chest. 1997 Jun;111(6):1710-7.

17.2 Performance status scale according to WHO

0. Able to carry out all normal activity without restriction
1. Restricted in physical activity
2. Ambulatory and capable of all self-care but unable to carry out any work, up and about more than 50% of waking hours
3. Ambulatory and capable of all self-care but unable to carry out any work, up and about more than 50% of waking hours
4. Capable of only limited self-care, confined to bed or chair more than 50% of waking hours
5. Completely disabled, cannot carry on any self-care, totally confined to bed or chair

Source:

WHO handbook for reporting results of cancer treatment.
Geneva, Switzerland: World Health Organization, 1979; Publication No. 48 (83)

17.3 Questionnaire to chest physicians (translated from Norwegian)

Questionnaire among lung specialists and doctors in training in lung medicine									
Name of the doctor									
Age									
Gender									
How many years training in a lung department?									
	The Cancer Registry has quality indicators for lung cancer with following results	5%	10%	20%	30%	40%	50%	75%	100%
Patients with unknown stage	11 %								
Patients with unknown histology	9 %								
Patients with surgical resection	16 %								
Patients with one year survival	30 %								

Which deviation in percentage in your patient population would make you to change your own routines?

Please mark in the table for every indicator!

Thank you!
Knut Skaug

Amund Gulsvik

17.4 Spørreskjema til lungespesialister

Spørreskjema blant lungespesialister og leger i utdanning i lungemedisin									
Navn på lege									
Alder									
Kjønn									
Hvor mange år ved lungeavdeling/-seksjon?									
	Kreftregisteret har kvalitetsindikatorer for lungekreft med følgende resultater	5%	10%	20%	30%	40%	50%	75%	100%
Pasienter med ukjent stadium	11 %								
Pasienter med ukjent histologi	9 %								
Pasienter med kirurgisk reseksjon	16 %								
Pasienter med ett års overlevelse	30 %								

Hvilke avvik i *prosentpoeng* i din pasientpopulasjon vil få deg til å forandre egne rutiner?

Vennligst kryss av i tabellen for hver indikator.

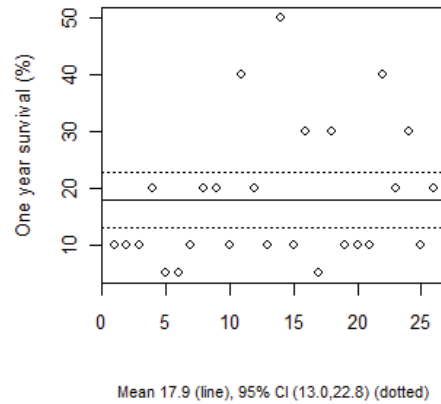
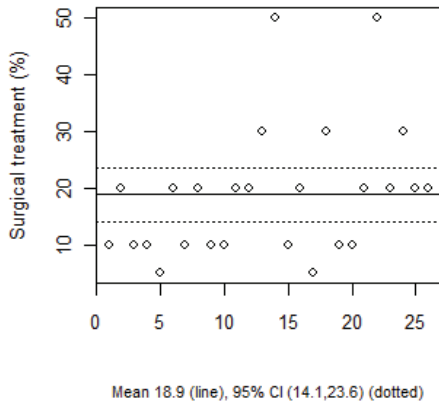
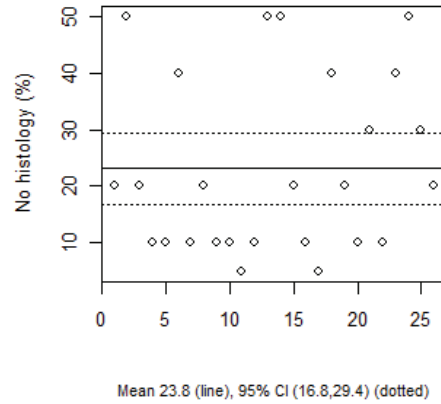
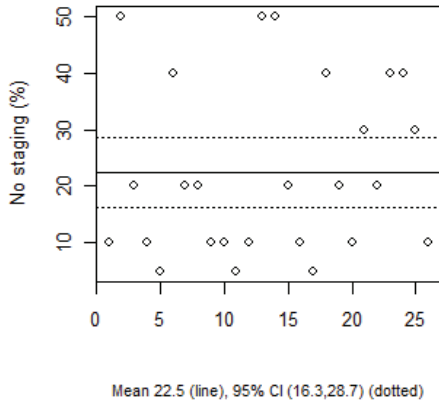
Takk for hjelpen!

Knut Skaug

Amund Gulsvik

17.5 Svar på spørreundersøkelse hos lungeleger

Supplementary figure 2. Relative percentages deviation (minimal important difference) from the national average on four quality indicators sufficient to change the management of lung cancer. Answers given by 26 physicians at the Department of Thoracic Medicine, University of Bergen. The x axes denote physicians by number 1 – 26.



CI = Confidence interval.

17.6 Case record form (CRF, Translated from Norwegian)

CASE RECORD FORM FOR PATIENTS WITH LUNG CANCER AT HAUGALANDET

Cancer in lungs (162), pleura (163) and mediastinum (164) in the hospital district to Haugesund Hospital 1.1.90-31.12.94

Date of recording: Patient number: National identity number (11 digits) Age at time of diagnosis (Number of years: The age in years when diagnosis was made) Gender: Male
 FemaleCodes:
 Skaug
 Fluge
 Others**In which municipality was/is the patient living:** Haugesund Tysvær Sauda Bokn Etne Sveio
 Karmøy Vindafjord Suldal Utsira Ølen Other**Who referred the patient to the hospital?**

-
- Referred direct from the primary health care
-
-
- Referred from preventive health care (Norwegian population Survey, health controls)
-
-
- Referred from other hospitals and health institutions
-
-
- Referred from other specialists (ENT, radiologists and surgeons)
-
-
- Direct contact from patient to lung specialist at the hospital
-
-
- Unknown

Number of admissions at Haugesund hospital (from start of the actual disease)

Date of admission	Hospital days	Hospital days
1. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	6. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	7. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	8. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	9. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	10. admission <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

Total number of hospital days for >10 admissions
Number of admissions at Haukeland University Hospital
Number of admissions at other hospitals Date of diagnosis (the date when histological or cytological diagnosis was made) Start of the disease (When started the symptoms, or when was a chest X-ray taken when no symptoms) Still alive Yes NoDate of death: Report sent to Cancer registry of Norway Yes NoDate:

Comorbidity (at the time of diagnosis)

OLS (ICD 490-496) Yes NoCardiac disease (ICD 410-429) Yes NoOther diseases ICD-9

CASE RECORD FORM FOR PATIENTS WITH LUNG CANCER AT HAUGALANDET

Cancer in lungs (162), pleura (163) and mediastinum (164) in the hospital district to Haugesund Hospital 1.1.90-31.12.94

National identity number:
(11 digits)

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Patient number:

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Symptoms given in the Haugesund hospital record which caused the contact with the hospital:**A. From lungs/airways**

	Yes	No
Cough	<input type="checkbox"/>	<input type="checkbox"/>
Dyspnoea	<input type="checkbox"/>	<input type="checkbox"/>
Hemoptysis	<input type="checkbox"/>	<input type="checkbox"/>
Chest pain	<input type="checkbox"/>	<input type="checkbox"/>
Repeated pneumonias	<input type="checkbox"/>	<input type="checkbox"/>
Hoarseness with paresis of the vocal cord	<input type="checkbox"/>	<input type="checkbox"/>
Paresis of diaphragm	<input type="checkbox"/>	<input type="checkbox"/>
Vena cava superior syndrome	<input type="checkbox"/>	<input type="checkbox"/>
Other symptoms from lungs/airways	<input type="checkbox"/>	<input type="checkbox"/>

B. Symptoms from organs outside

thorax	Yes	No
Weight loss (more than 3kg in 6 months)	<input type="checkbox"/>	<input type="checkbox"/>
Reduced general condition	<input type="checkbox"/>	<input type="checkbox"/>
Head ache	<input type="checkbox"/>	<input type="checkbox"/>
Nausea	<input type="checkbox"/>	<input type="checkbox"/>
Paresis or paresthesia	<input type="checkbox"/>	<input type="checkbox"/>
Skeletal pain	<input type="checkbox"/>	<input type="checkbox"/>
Personality changes	<input type="checkbox"/>	<input type="checkbox"/>
Other symptoms	<input type="checkbox"/>	<input type="checkbox"/>

Occupational history (from patients' records)

- Occupational history is absent (in the all patient records)
 Occupational history is bad (one occupation, no information about time)
 Occupational history is good (more occupations with time and duration)
 Occupational history is very good (from end of school until the present disease)

Occupational exposure (from patients' records)

- Exposed to asbestos yes no
 Other carcinogens yes no
 No specific occupational exposure yes no

Tobacco history (grade from no information to very good, which gives the total exposure in number of pack years)

- Tobacco history is absent
 Tobacco history is bad
 Tobacco history is good (gives information about quantity and duration)
 Tobacco history is very good (gives information about total exposure)

Tobacco consumption

- Unknown Daily smoker Not daily smoker Former smoker Never smoker

Pack years (number – in daily smokers and former smokers)

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 (unknown: 99)**Clinical findings**

	Yes	No
Palpable supraclavicular glands	<input type="checkbox"/>	<input type="checkbox"/>
Hepatomegaly	<input type="checkbox"/>	<input type="checkbox"/>
Vena cava superior syndrome	<input type="checkbox"/>	<input type="checkbox"/>
Focal neurological signs	<input type="checkbox"/>	<input type="checkbox"/>

Performance status (WHO) 0 1 2 3 4 unknown

CASE RECORD FORM FOR PATIENTS WITH LUNG CANCER AT HAUGALANDET

Cancer in lungs (162), pleura (163) and mediastinum (164) in the hospital district to Haugesund Hospital 1.1.90-31.12.94

National identity number: Patient number:

Laboratory tests:

Hemoglobin g/dl (number) (unknown: 99,9)

	Yes	No	Unknown		<input type="text"/>	<input type="text"/>	<input type="text"/>
Elevated ASAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. FEVI (liters, if unknown 9,99)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Elevated ALAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. FEVI (% of predicted, if unknown 99,9)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Elevated ALP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Elevated GGT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Spirometry taken	<input type="checkbox"/>	<input type="checkbox"/>					

X-ray of tumour at the time of diagnosis

Is description present yes no
 Location Left lung Right lung Both lungs Not visible

Largest diameter (cm): (missing: 99)

CT thorax: Done yes no
 Surgical resection possible yes no not possible to judge

Bronchoscopy: Done yes no
 Central tumour (visible by bronchoscopy) yes no
 Peripheral tumour (not visible) yes no
 Bronchoscopist Skaug Others

Main localization (by visible tumour in bronchopy)

Trachea
 Right main bronchus Left main bronchus
 Right stem bronchus Left upper lobe
 Right upper lobe Left lingual
 Right median lobe Left lower lobe
 Right lower lobe Unknown

Tissue diagnostic sampling**Procedure**

Biopsy when visible tumor
 Transbronchial fine needle aspiration
 Brush
 Bronchial aspiration
 Transbronchial biopsy when no visible tumour
 CT-guided biopsy
 Pleural fluid
 Pleural biopsy
 Biopsy of other organs
 Expectorate

Result of tissue diagnostic sampling

	Diagnosis obtained	Diagnosis not obtained	Not done
Biopsy when visible tumor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transbronchial fine needle aspiration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bronchial aspiration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transbronchial biopsy when no visible tumour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CT-guided biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pleural fluid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pleural biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biopsy of other organs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expectorate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CASE RECORD FORM FOR PATIENTS WITH LUNG CANCER AT HAUGALANDET

Cancer in lungs (162), pleura (163) and mediastinum (164) in the hospital district to Hauge sund Hospital 1.1.90-31.12.94

National identity number:
(11 digits)

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Patient
number:

--	--	--

Diagnosis

- Small cell lung cancer
 Adenocarcinoma
 Squamous cell carcinoma
 Undifferentiated, non-small cell carcinoma
- Adenosquamous carcinoma
 Carcoid tumour
 Other

TNM-classification

- T1 T2 T3 T4 TX
 N0 N1 N2 N3 NX
 M0 M1 MX

Staging

TNM-group	Stage
T1N0M0	<input type="checkbox"/> IA
T2N0M0	<input type="checkbox"/> IB
T1N1M0	<input type="checkbox"/> IIA
T2N1M0 T3N0M0	<input type="checkbox"/> IIB
T3N1M0 T1-T3N2M0	<input type="checkbox"/> IIIA
T4N0-N2M0 T1-T4N3M0	<input type="checkbox"/> IIIB
All T, All N, M1	<input type="checkbox"/> IV

Treatment**A. Surgery**

- Exploratory surgery
 If resection: Lobectomy

Surgically considered cured: yes no

- Resection No surgery
 Bilobectomy Pulmectomy
 Unknown

B. Chemotherapy

ACO (adriamycin, cyclophosphamide, adriamycin)

Cisplatin/Vepecid

Number of courses

Dose adjustment during chemotherapy

- yes no
 yes no
 yes no
 < 5 courses 5 courses > 5 courses
 yes no

C. Radiation

- Only treatment Additional to chemotherapy

- Additional to surgery No radiation

D. Resection, chemotherapy, or radiation

- yes no

CASE RECORD FORM FOR PATIENTS WITH LUNG CANCER AT HAUGALANDET

Cancer in lungs (162), pleura (163) and mediastinum (164) in the hospital district to Haugesund Hospital 1.1.90-31.12.94

National identity number: Patient number: **Place of death** died at home died in hospital died in nursery home or other institution not knownA. Symptoms in the terminal stage (noticed in the hospital record the last two months) yes no **Number of weeks treated**
(unknown: 99)B. Pain 1. No pain
 Pain with no treatment
 Treated with peripheral analgetics
 Treated with opiates
 Treated with opiates via pain infuser
2. Other analgetic measures yes noC. Dyspnoea Caused of central obstruction
 Caused of pleural fluid
 Other causes
 No dyspnoeaD. Nausea Present, but not treated Treated pharmacologically No nausea E. Cough Present, but not treated Treated pharmacologically No cough F. Hemoptysis Present, but not treated Needed treatment No hemoptysis G. Anxiety/depression Present, but not treated Treated pharmacologically No anxiety/depression Treated with diazepam yes no
Treated with or hypnotics or other anxiolytic treatment yes no
Treated with antidepressive medication yes noH. Neurological signs Dizziness or headache Paresis or other neurological symptoms No neurological signs **Duration number of weeks**
(unknown 99) I. Reduced general condition (the second last month alive)
According to the description of WHO 0 1 2 3 4 unknownRelated to the Cancer Registry of Norway
Recorded in the Cancer Registry of Norway yes no
Recorded in the hospital records of Haugesund Hospital yes no

17.7 Registreringsskjema

REGISTRERINGSSKJEMA FOR PASIENTER MED LUNGEKREFT PÅ HAUGALANDET

Kreft i lunger (162), pleura (163) og mediastinum (164) i sykehusområdet til Fylkessjukehuset i Haugesund 1.1.90-31.12.94

Registreringsdato	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	Pasientnr.	<input type="text"/> <input type="text"/> <input type="text"/>
Fødselsnr. (11 siffer)	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Koder	<input type="checkbox"/> Skaug
Alder på diagnosetidspunkt (Antall år: Årstallet diagnosen ble stilt minus fødselsåret)	<input type="text"/> <input type="text"/>		<input type="checkbox"/> Fluge
Kjønn	<input type="checkbox"/> Mann <input type="checkbox"/> Kvinne		<input type="checkbox"/> Andre
I hvilken kommune var/er pasienten bosatt:			
<input type="checkbox"/> Haugesund	<input type="checkbox"/> Tysvær	<input type="checkbox"/> Sauda	<input type="checkbox"/> Bokn
<input type="checkbox"/> Karmøy	<input type="checkbox"/> Vindafjord	<input type="checkbox"/> Suldal	<input type="checkbox"/> Utsira
			<input type="checkbox"/> Etne
			<input type="checkbox"/> Sveio
			<input type="checkbox"/> Ølen
			<input type="checkbox"/> Andre
Hvem henviste pasienten til sykehuset?			
<input type="checkbox"/> Henvist direkte fra primærhelsetjeneste			
<input type="checkbox"/> Henvist fra forebyggende helsetjeneste (Statens Helseundersøkelse, helsekontroll-u.s.)			
<input type="checkbox"/> Henvist fra andre sykehus og helseinstitusjoner			
<input type="checkbox"/> Henvist fra andre spesialister (ØNH, røntgen og kirurgi)			
<input type="checkbox"/> Direkte kontakt av pasient til lungespesialist på sykehuset			
<input type="checkbox"/> Ukjent			
Antall sykehusopphold ved FIH (fra start av aktuell sykdom)	<input type="text"/> <input type="text"/>		
Innleggelsesdato	Liggedager	Liggedager	
1. opphold	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	6. opphold
2. opphold	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	7. opphold
3. opphold	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	8. opphold
4. opphold	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	9. opphold
5. opphold	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	10. opphold
Samlet antall liggedøgn for opphold >10	<input type="text"/> <input type="text"/>		
Antall opphold ved Haukeland Sykehus	<input type="text"/> <input type="text"/>		
Antall opphold ved andre sykehus	<input type="text"/> <input type="text"/>		
Diagnosedato (Dato da cytologisk eller histologisk diagnose ble stilt)	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>		
Sykdomsdebut (Når startet symptomer, eller når ble det tatt røntgenbilde av toraks uten symptomer)	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>		
Lever fortsatt	<input type="checkbox"/> ja <input type="checkbox"/> nei	Dødsdato	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>
Melding sendt Kreftregisteret	<input type="checkbox"/> ja <input type="checkbox"/> nei	Dato	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>
Komorbiditet (på diagnosetidspunkt)		Andre sykdommer ICD-9	<input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/>
OLS (ICD 490-496)	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Hjertesykdom (ICD 4 10-429)	<input type="checkbox"/> ja <input type="checkbox"/> nei		

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REGISTRERINGSSKJEMA FOR PASIENTER MED LUNGEKREFT PÅ HAUGALANDET

Kreft i lunger (162), pleura (163) og mediastinum (164) i sykehusområdet til Fylkessjukehuset i Haugesund 1.1.90-31.12.94

Fødselsnr. (11 siffer)

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Pasientnr.

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Symptomer angitt i FIH journal som var foranledning til sykehuskontakt

A. Fra lunge/luftveier

Ja Nei

- | | | |
|-------------------------------------|--------------------------|--------------------------|
| Hoste | <input type="checkbox"/> | <input type="checkbox"/> |
| Dyspne | <input type="checkbox"/> | <input type="checkbox"/> |
| Hemoptyse | <input type="checkbox"/> | <input type="checkbox"/> |
| Brystsmerter | <input type="checkbox"/> | <input type="checkbox"/> |
| Recidiv pneumonier | <input type="checkbox"/> | <input type="checkbox"/> |
| Heshet med stemmebåndsparese | <input type="checkbox"/> | <input type="checkbox"/> |
| Diafragmeparese | <input type="checkbox"/> | <input type="checkbox"/> |
| Vena cava superior syndrom | <input type="checkbox"/> | <input type="checkbox"/> |
| Andre symptomer fra lunge/luftveier | <input type="checkbox"/> | <input type="checkbox"/> |

B. Symptomer fra organer utenom toraks

Ja Nei

- | | | |
|---------------------------------|--------------------------|--------------------------|
| Vekttap (mer enn 3 kg på 6 mnd) | <input type="checkbox"/> | <input type="checkbox"/> |
| Redusert almentilstand | <input type="checkbox"/> | <input type="checkbox"/> |
| Hodepine | <input type="checkbox"/> | <input type="checkbox"/> |
| Kvalme | <input type="checkbox"/> | <input type="checkbox"/> |
| Pareser eller parestesier | <input type="checkbox"/> | <input type="checkbox"/> |
| Skjelettsmerter | <input type="checkbox"/> | <input type="checkbox"/> |
| Personlighetsforandringer | <input type="checkbox"/> | <input type="checkbox"/> |
| Annet | <input type="checkbox"/> | <input type="checkbox"/> |

Yrkesanamnese (journalopplysninger)

- Yrkesanamnesen mangler (i hele journalen)
- Yrkesanamnesen er dårlig (ett yrke uten tidsangivelse)
- Yrkesanamnesen er bra (evt. flere yrker med tidsangivelse)
- Yrkesanamnesen er meget god (fra slutten av skolen til akt. sykdom)

Yrkeseksposisjon (journalopplysninger)

- Eksponert for asbest ja nei
- Andre carcinogener ja nei
- Ingen spesiell yrkeseksposisjon ja nei

Tobakksanamnese (Graderes fra ingen opplysninger til meget god, som gir total eksposisjon i antall pakke år)

- Røykeanamnesen mangler
- Røykeanamnesen er dårlig
- Røykeanamnesen er bra (gir opplysning om mengde eller varighet)
- Røykeanamnesen er meget bra (gir opplysning om total eksposisjon)

Tobakksforbruk (på diagnosetidspunkt minus to måneder)

- Ukjent Daglig røyker Ikke daglig røyker Tidligere røyker Aldri røyker

Pakke år (antall - hos daglige røykere og tidligere røykere)

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(ukjent 99)

Kliniske funn

Ja Nei

- | | | |
|------------------------------|--------------------------|--------------------------|
| Palpable supraclav. lymfekn. | <input type="checkbox"/> | <input type="checkbox"/> |
| Hepatomegali | <input type="checkbox"/> | <input type="checkbox"/> |
| Vena cava superior syndrom | <input type="checkbox"/> | <input type="checkbox"/> |
| Fokale neurologiske utfall | <input type="checkbox"/> | <input type="checkbox"/> |

Performance status (WHO)

- 0 1 2 3 4 ukjent

29158



REGISTRERINGSSKJEMA FOR PASIENTER MED LUNGEKREFT PÅ HAUGALANDET

Kreft i lunger (162), pleura (163) og mediastinum (164) i sykehusområdet til Fylkessjukehuset i Haugesund 1.1.90-31.12.94

Fødselsnr. (11 siffer)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Pasientnr.	<input type="text"/> <input type="text"/> <input type="text"/>
Laboratorieprøver			
Hemoglobin g/dl (tallverdi)	<input type="text"/> <input type="text"/> , <input type="text"/> (ukjent 99,9)		
	Ja Nei Ukjent		
Forhøyet ASAT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Forhøyet ALAT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. FEV1 (liter, hvis ukjent 9,99) <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/>	
Forhøyet ALP	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. FEV1 (% av forventet, hvis ukjent 99,9) <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/>	
Forhøyet GGT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Spirometri tatt	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Røntgen av svulsten på diagnosetidspunktet			
Foreligger beskrivelse	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Lokalisasjon	<input type="checkbox"/> Venstre lunge <input type="checkbox"/> Høyre lunge <input type="checkbox"/> Begge lunger <input type="checkbox"/> Ikke synbar		
Største diameter (cm)	<input type="text"/> <input type="text"/> (mangler 99)		
CT toraks: Utført	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Operabel (K. Skaugs vurdering)	<input type="checkbox"/> ja <input type="checkbox"/> nei <input type="checkbox"/> ikke mulig å vurdere		
Bronkoskopi: Utført	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Sentral tumor (bronkoskopisk tegn til tumor)	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Perifer tumor (ikke synlig tumor)	<input type="checkbox"/> ja <input type="checkbox"/> nei		
Bronkoskopør	<input type="checkbox"/> Skaug <input type="checkbox"/> andre		
Hovedlokalisasjon (ved bronkoskopisk synlig tumor)			
<input type="checkbox"/> Trakea			
<input type="checkbox"/> Høyre hovedbronkus	<input type="checkbox"/> Venstre hovedbronkus		
<input type="checkbox"/> Høyre stammebronkus	<input type="checkbox"/> Venstre overlapp		
<input type="checkbox"/> Høyre overlapp	<input type="checkbox"/> Venstre lingula		
<input type="checkbox"/> Høyre midtlapp	<input type="checkbox"/> Venstre underlapp		
<input type="checkbox"/> Høyre underlapp	<input type="checkbox"/> Ukjent		
Vevsdiagnostikk			
Prosedyre	Resultat av vevsdiagnostikk		
	Diagnostisk	Ikke diagnostisk	Ikke utført
Biopsi ved bronkoskopisk synlig tumor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transbronkial finnål	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Børste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bronkial aspirat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transbronkial biopsi uten synlig tumor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CT-veiledet biopsi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pleuravæske	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pleurabiopsi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biopsi av andre organer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ekspektorat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

51122

REGISTRERINGSSKJEMA FOR PASIENTER MED LUNGEKREFT PÅ HAUGALANDET

Kreft i lunger (162), pleura (163) og mediastinum (164) i sykehusområdet til Fylkessjukehuset i Haugesund 1.1.90-31.12.94

Fødselsnr. (11 siffer)

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Pasientnr.

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Diagnose

- | | |
|---|---|
| <input type="checkbox"/> Småcellet anaplastisk carcinom | <input type="checkbox"/> Adenoskvamøst carcinom |
| <input type="checkbox"/> Adenocarcinom | <input type="checkbox"/> Carcinoid tumor |
| <input type="checkbox"/> Plateepitelcarcinom | <input type="checkbox"/> Annet |
| <input type="checkbox"/> Lite diff. ikke småcellet carcinom | <input type="checkbox"/> Ingen vesvdiagnose |

TNM-klassifikasjon

- | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <input type="checkbox"/> T1 | <input type="checkbox"/> T2 | <input type="checkbox"/> T3 | <input type="checkbox"/> T4 | <input type="checkbox"/> TX |
| <input type="checkbox"/> N0 | <input type="checkbox"/> N1 | <input type="checkbox"/> N2 | <input type="checkbox"/> N3 | <input type="checkbox"/> NX |
| <input type="checkbox"/> M0 | <input type="checkbox"/> M1 | <input type="checkbox"/> MX | | |

Stadieinndeling

TNM-gruppe

Stadium

- | | |
|------------------|-------------------------------|
| T1N0M0 | <input type="checkbox"/> IA |
| T2N0M0 | <input type="checkbox"/> IB |
| T1N1M0 | <input type="checkbox"/> IIA |
| T2N1M0] | <input type="checkbox"/> IIB |
| T3N0M0] | |
| T3N1M0] | <input type="checkbox"/> IIIA |
| T1-T3N2M0] | |
| T4N0-N2M0] | <input type="checkbox"/> IIIB |
| T1-T4N3M0] | |
| Alle T Alle N M1 | <input type="checkbox"/> IV |

Behandling

- A. Kirurgi** Eksplorativ kirurgi Reseksjon Ingen kirurgi
- Hvis reseksjon: Lobektomi Bilobektomi Pulmectomi
- Kir. vurdert kurativ ja nei ukjent

B. Cytostatika

- ja nei
- ACO-kur ja nei
- Cisplatin/Vepecid ja nei
- Antall kurer <5 kurer 5 kurer >5 kurer
- Doseendring under cytostatikabehandling ja nei

C. Bestråling

- Eneste behandling Tilleggsbehandling til cytostatika Tilleggsbehandling til kirurgi Ingen bestråling

- D. Reseksjon, cellegift eller bestråling** ja nei



REGISTRERINGSSKJEMA FOR PASIENTER MED LUNGEKREFT PÅ HAUGALANDET

Kreft i lunger (162), pleura (163) og mediastinum (164) i sykehusområdet til Fylkessjukehuset i Haugesund 1.1.90-31.12.94

Fødselsnr. (11 siffer)

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Pasientnr.

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Dødssted

-
- døde hjemme
-
- døde i sykehus
-
- døde i sykehjem eller annen institusjon
-
- ukjent

A. Symptomer i terminalfasen (anført i journal de to siste levemåneder) ja neiAntall uker
behandlet
(ukjent 99)

B. Smerter

1. Ingen smerter
 Smerter uten behandling
 Behandlet med perifert virkende analgetika
 Behandlet med opiater
 Behandlet med opiater via smertepumpe
2. Andre analgetiske tiltak ja nei

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C. Åndenød

-
- Betinget av sentral obstruksjon
-
-
- Betinget av pleuravæske
-
-
- Annet
-
-
- Ingen åndenød

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D. Kvalme

-
- Til stede, men ikke behandlet
-
- Behandlet medikamentelt
-
- Ingen kvalme

--	--

E. Hoste

-
- Til stede, men ikke behandlet
-
- Behandlet medikamentelt
-
- Ingen hoste

--	--

F. Hemoptyse

-
- Til stede, men ikke behandlet
-
- Behandlingstrengende
-
- Ingen hemoptyse

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G. Angst/depresjon

-
- Til stede, men ikke behandlet
-
- Behandlet medikamentelt
-
- Ingen angst/depr.

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Behandlet med benzodiazepinderivater ja neiBehandlet med andre hypnotika/sedativa ja neiBehandlet med antidepressiva ja nei

H. Neurologiske utfall

-
- Svimmelhet eller hodepine
-
-
- Pareser eller andre neurologiske symptomer
-
-
- Ingen neurologiske utfall

Varighet
antall uker
(ukjent 99)

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I. Nedsatt almentilstand (den nest siste levemåned)

Ifølge WHO's inndeling 0 1 2 3 4 ukjent

Relasjon til Krefregisteret

Registrert i Krefregisteret ja neiRegistrert i Fylkessjukehusets journal ja nei

51991

