

## Søgeprotokol for opdatering på NKR for behandling af hjernemetastaser

<b>Projekttitel/aspekt</b>	Opdateret søgning på Guidelines for NKR for Hjernemetastaser (nr.7)
<b>Projektleder</b>	Maria Herlev Ahrenfeldt, SST /Henriette Edemann Callesen, SST
<b>Søgespecialist</b>	Birgitte Holm Petersen, SST
<b>Senest opdateret</b>	31. august 2017

<b>Baggrund</b>	Opdatering af pågældende NKR
<b>Søgetermer</b>	Engelsk: Brain metastasis(es); brain neoplasm/secondary; cerebral metastasis(es) Dansk: Hjernemetastaser Norsk: Hjernemetastaser Svensk: Hjärnmetastaser
<b>Inklusions- og eksklusionskriterier</b>	Tidsafgrænsning: 2013 – juni 2017

### Informationskilder

<b>DATABASER</b>	<b>INTERFACE</b>	<b>FUND</b>	<b>DATO FOR SØGNING</b>
<b>G-I-N International</b>	internettet	1	10. juli 2017
<b>NICE (UK)</b>	-	9	10. juli 2017
<b>National Guideline Clearinghouse (USA)</b>	-	39	11. juli 2017
<b>Scottish Intercollegiate Guidelines Network (SIGN)</b>	-	1	10. juli 2017
<b>HTA Databasen (CRD database)</b>	-	3	10. juli 2017
<b>SBU, Sverige</b>	-	0	10. juli 2017
<b>Socialstyrelsen, Sverige</b>	-	11	11. juli 2017
<b>Helsedirektoratet, Norge</b>	-	6	11. juli 2017
<b>Kunnskapssenteret, Norge</b>	-	1	11. juli 2017
<b>Cochrane</b>		51 + 9	11. juli 2017
<b>Medline</b>	OVID	269	31. august 2017
<b>Embase</b>	OVID	205	31. august 2017



## Søgestrategier og fund

### **GIN** 1 fund

81 %	<b>Hirnmetastase n und Meningeosis neoplastica. S2k-LL (DGN)</b> [Brain metastases and neoplastic meningitis]	AWMF (DE) - Associatio n of Scientific Medical Societies	Guidelin e	Mar 01, 201 4	German y	Publi s
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### **NICE** , 9 fund

(7 results for brain metastases)

#### **[Brain tumours \(primary\) and brain metastases in adults](#)**

In development [GID-NG10003] Expected publication date: 11 July 2018

NICE guideline In development

#### **[Advanced breast cancer: diagnosis and treatment \(CG81\)](#)**

Evidence-based recommendations on diagnosing and treating advanced (stage 4) breast cancer (invasive adenocarcinoma) for women and men

Clinical guideline Published February 2009 Last updated July 2014

More

- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [1 Recommendations](#)
- [2 Research recommendations](#)
- [3 Other information](#)
- [About this guideline](#)



**[Melanoma: assessment and management \(NG14\)](#)**

Evidence-based recommendations on assessing and managing melanoma (a type of skin cancer).

NICE guideline Published July 2015

More

- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [Stages of melanoma](#)
- [1 Recommendations](#)
- [2 Research recommendations](#)
- [3 Other information](#)
- 

**[Metastatic malignant disease of unknown primary origin in adults: diagnosis and management \(CG104\)](#)**

Evidence-based recommendations on diagnosing and managing metastatic malignant disease (cancer) of unknown primary origin in adults

Clinical guideline Published July 2010

More

[Overview](#)

- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [1 Guidance](#)
- [2 Notes on the scope of the guidance](#)
- [3 Implementation](#)
- [4 Research recommendations](#)
- 

**[Lung cancer: diagnosis and management \(CG121\)](#)**

Evidence-based recommendations on the diagnosis and management of lung cancer in adults

Clinical guideline Published April 2011

More



- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [1 Guidance](#)
- [2 Notes on the scope of the guidance](#)
- [3 Implementation](#)
- [4 Research recommendations](#)

• ***Metastatic spinal cord compression in adults: risk assessment, diagnosis and management (CG75)***

Evidence-based recommendations on the risk assessment, diagnosis and management of metastatic spinal cord compression (MSCC) in adults with cancer

Clinical guideline Published November 2008

More

- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [1 Guidance](#)
- [2 Notes on the scope of the guidance](#)
- [3 Implementation](#)
- [4 Research recommendations](#)

• ***Colorectal cancer: diagnosis and management (CG131)***

Evidence-based recommendations on diagnosing and managing colorectal cancer (cancer of the colon and the rectum) in adults

Clinical guideline Published November 2011 Last updated December 2014



More

- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Key priorities for implementation](#)
- [1 Recommendations](#)
- [2 Research recommendations](#)
- [3 Other information](#)
- [4 Standing Committee B and NICE project team](#)
- 

**[Suspected cancer: recognition and referral \(NG12\)](#)**

Evidence-based recommendations on the recognition and referral of suspected cancer in children, young people and adults.

NICE guideline Published June 2015

More

- [Overview](#)
- [Introduction](#)
- [Patient-centred care](#)
- [Terms used in this guideline](#)
- [1 Recommendations organised by site of cancer](#)
- [Recommendations on patient support, safety netting and the diagnostic process](#)
- [Recommendations organised by symptom and findings of primary care investigations](#)
- [2 Research recommendations](#)

**[Neutropenic sepsis: prevention and management in people with cancer \(CG151\)](#)**

Evidence-based recommendations on preventing and managing neutropenic sepsis in people with cancer who are having anticancer treatment

Clinical guideline Published September 2012



**NGC , USA** 39 fund

- GUIDELINE SUMMARY

- NGC:010462

- 1999 (REVISED 2014)

[ACR Appropriateness Criteria® pre-irradiation evaluation and management of brain metastases.](#)

American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010596

- 2010 JUL (REVISED 2014 AUG)

[Palliative radiotherapy: brain metastases.](#)

CancerControl Alberta

Compare

- GUIDELINE SUMMARY

- NGC:010461

- 1999 (REVISED 2014)

[ACR Appropriateness Criteria® multiple brain metastases.](#)

American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010494

- 2014 JULY 1

[Recommendations on disease management for patients with advanced human epidermal growth factor receptor 2-positive breast cancer and brain metastases: American Society of Clinical Oncology clinical practice guideline.](#)

American Society of Clinical Oncology

Compare



- GUIDELINE SUMMARY

- NGC:010673

- 1999 (REVISED 2014)

[ACR Appropriateness Criteria® follow-up and retreatment of brainmetastases.](#)

American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010366

- 2014

[Care of the adult patient with a brain tumor.](#)

American Association of Neuroscience Nurses

Compare

- GUIDELINE SUMMARY

- NGC:009883

- 2003 JAN (REVISED 2013 MAY)

[Special treatment issues in non-small cell lung cancer: diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines.](#)

American College of Chest Physicians

Compare

- GUIDELINE SUMMARY

- NGC:009887

- 2003 JAN (REVISED 2013 MAY)

[Symptom management in patients with lung cancer: diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines.](#)

American College of Chest Physicians

Compare

- GUIDELINE SUMMARY



- NGC:011030
- 2016  
[ACR Appropriateness Criteria® stage I breast cancer: initial workup and surveillance for local recurrence and distant metastases in asymptomatic women.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010249
- 2011 JAN (REVISED 2013 OCT)  
[Muscle invasive and locally advanced/metastatic bladder cancer.](#)  
CancerControl Alberta  
Compare
- GUIDELINE SUMMARY
- NGC:010496
- 2014 JUL  
[Enzalutamide for metastatic hormone-relapsed prostate cancer previously treated with a docetaxel-containing regimen.](#)  
National Institute for Health and Care Excellence (NICE)  
Compare
- GUIDELINE SUMMARY
- NGC:010845
- 2015  
[ACR Appropriateness Criteria® renal cell carcinoma staging.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010783





- 2015 JUL 29  
[Melanoma: assessment and management.](#)  
National Guideline Alliance  
Compare
- GUIDELINE SUMMARY
- NGC:009877
- 2003 JAN (REVISED 2013 MAY)  
[Methods for staging non-small cell lung cancer: diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines.](#)  
American College of Chest Physicians  
Compare
- GUIDELINE SUMMARY
- NGC:010220
- 1998 FEB (REVISED 2014 FEB)
- [Multiple Chronic Conditions](#)  
LEARN MORE ABOUT MULTIPLE CHRONIC CONDITIONS  
[Management of lung cancer. A national clinical guideline.](#)  
Scottish Intercollegiate Guidelines Network  
Compare
- GUIDELINE SUMMARY
- NGC:010624
- 2005 AUG (REVISED 2014 DEC)  
[Colorectal cancer. The diagnosis and management of colorectal cancer.](#)  
National Guideline Alliance  
Compare
- GUIDELINE SUMMARY
- NGC:009896
- 1993 (REVISED 2013 MAY)



[Practice parameters for the management of rectal cancer \(revised\).](#)

American Society of Colon and Rectal Surgeons

Compare

- GUIDELINE SUMMARY

- NGC:010848

- 2015

[ACR Appropriateness Criteria® pretreatment planning of invasive cancer of the cervix.](#)

American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010386

- 2013 DEC

[Nasopharyngeal cancer treatment.](#)

CancerControl Alberta

Compare

- GUIDELINE SUMMARY

- NGC:010882

- 2015 AUG

[Systemic therapy for unresectable stage III or metastatic cutaneous melanoma.](#)

CancerControl Alberta

[ACR Appropriateness Criteria® cerebrovascular disease.](#)

American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010158



## SUNDHEDSSTYRELSEN

- 1996 (REVISED 2013)  
[ACR Appropriateness Criteria® headache.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010452
- 1996 (REVISED 2014)  
[ACR Appropriateness Criteria® seizures and epilepsy.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:009882
- 2003 JAN (REVISED 2013 MAY)  
[Treatment of stage IV non-small cell lung cancer: diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines.](#)  
American College of Chest Physicians  
Compare
- GUIDELINE SUMMARY
- NGC:010557
- 2014 AUG 29  
[Follow-up and surveillance of curatively treated lung cancer patients.](#)  
Program in Evidence-based Care  
Compare
- GUIDELINE SUMMARY
- NGC:010676
- 2014  
[ACR Appropriateness Criteria® aggressive nonmelanomatous skin cancer of the head and neck.](#)  
American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010165

- 1996 (REVISED 2013)  
[ACR Appropriateness Criteria® post-treatment follow-up of renal cell carcinoma.](#)  
American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:009884

- 2003 JAN (REVISED 2013 MAY)  
[Treatment of small cell lung cancer: diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines.](#)  
American College of Chest Physicians

Compare

- GUIDELINE SUMMARY

- NGC:011036

- 2016  
[ACR Appropriateness Criteria® staging of testicular malignancy.](#)  
American College of Radiology

Compare

- GUIDELINE SUMMARY

- NGC:010850

- 2015  
[ACR Appropriateness Criteria® nasopharyngeal carcinoma.](#)  
American College of Radiology

Compare

- GUIDELINE SUMMARY



- NGC:010841
- 2015  
[ACR Appropriateness Criteria® myelopathy.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010163
- 1995 (REVISED 2013)  
[ACR Appropriateness Criteria® non-invasive clinical staging of bronchogenic carcinoma.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010675
- 1998 (REVISED 2014)  
[ACR Appropriateness Criteria® recurrent rectal cancer.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010177
- 2013  
[ACR Appropriateness Criteria® thyroid carcinoma.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:009739



## SUNDHEDSSTYRELSEN

- 2013 FEB  
[Guidelines for the minimally invasive treatment of adrenal pathology.](#)  
Society of American Gastrointestinal and Endoscopic Surgeons  
Compare
- GUIDELINE SUMMARY
- NGC:010268
- 2011 AUG (REVISED 2013 SEP)  
[Squamous cell carcinoma of the vulva.](#)  
CancerControl Alberta  
Compare
- GUIDELINE SUMMARY
- NGC:010176
- 2013  
[ACR Appropriateness Criteria® management of vaginal cancer.](#)  
American College of Radiology  
Compare
- GUIDELINE SUMMARY
- NGC:010264
- 2012 MAR (REVISED 2013 FEB)  
[Preoperative and pretreatment investigations for malignant melanoma.](#)  
CancerControl Alberta  
Compare
- GUIDELINE SUMMARY
- NGC:010647
- 2014 FEB 3  
[Low back pain medical treatment guidelines.](#)  
Colorado Division of Workers' Compensation



**SIGN,** 1 fund

146                      Melanoma      Cancer                      2017

<http://www.sign.ac.uk/sign-146-melanoma.html>

SIGN146 PAGE HEADER GRAPHIC

Cutaneous melanoma, previously referred to as cutaneous malignant melanoma, is a malignant tumour of cutaneous melanocytes.

In Scotland it is the fifth most common cancer in women and sixth in men. Over the last decade the incidence of melanoma has increased by 38% in men and 22% in women in Scotland, with the most recent incident rate of 26 male and 21.3 female cases per 100,000 in 2013. However, mortality rates in men have been falling, and for women rising at a lower rate than incidence.

The most recent mortality rates are 4 men and 3.3 women per 100,000 in 2013. The primary risk factor for cutaneous melanoma is considered to be exposure to natural and artificial sunlight.

Although melanoma is the major cause of skin cancer mortality it is often curable by surgery, if recognised and treated at an early stage. In recent years considerable efforts have been made to encourage increased public and professional awareness of melanoma in order to promote early detection. In contrast, prognosis for patients with advanced melanoma remains poor although considerable progress has been made with the emergence of molecular therapies (including BRAF inhibitors) and novel immunotherapies which can lead to durable disease control in some patients.

How this guideline was developed

This guideline was developed using a standard methodology based on a systematic review of the evidence. Further details can be found in SIGN 50: A Guideline Developer's Handbook .

Keeping up to date

This guideline was issued in 2016 and will be considered for review in three years. The review history, and any updates to the guideline in the interim period, will be noted in the review report.

If you are aware of any new evidence that would update this guideline please complete a change request form and return to: [roberta.james@nhs.net](mailto:roberta.james@nhs.net)



**HTA – CRD databasen**, 3 fund

Year	Database	Source	Title	
<input type="checkbox"/>	2016	HTA	Institute for Clinical Effectiveness and Health Policy (IECS)	[Vemurafenib for the treatment of pediatric patients with braf v600e mutation-positive ganglioglioma] <a href="#">[Preview]</a>
<input type="checkbox"/>	2013	HTA	Healthcare Improvement Scotland	Does the addition of positron emission tomography/computed tomography (PET/CT) to the routine investigation and assessment of patients with melanoma yield clinical and economic benefits? <a href="#">[Preview]</a>
<input type="checkbox"/>	2013	HTA	Andalusian Agency for Health Technology Assessment (AETSA)	[Effectiveness and safety of MRI 3 tesla versus MRI 1.5 tesla. Systematic Review] <a href="#">[Preview]</a>

**Socialstyrelsen, Sverige**, 11 fund

11 träffar på **Hjärnmetastaser** inom **Hela Socialstyrelsens webbplats**

Sortera träffar efter: Relevans | [Datum](#)

[Bröstcancer, enstaka hjärnmetastaser](#)

Datum: 2014-02-24 [Visa med sökorden markerade](#)

Ladda ner sida RSS Tillstånd: bröstcancer, enstaka **hjärnmetastaser** Åtgärd: Adjuvant helhjärnsbestrålning (WBRT) efter kirurgi eller stereotaktisk strålbehandling - Brödtext Rekommendation - 1 2 3 4 5 6 7 8 9 Detta är det valda alternativet: ...

Sökväg:

Start / Nationella riktlinjer för brös... / Sök i riktlinjerna / Bröstcancer, enstaka hjärnmeta...

[Sök i riktlinjerna för lungcancervård](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** med datortomografi eller magnetisk resonanstomografi i primär utredning 4 Begränsad småcellig lungcancer Strålbehandling mot torax som börjar inom 30 dagar från start av platinabaserad cytostatikabehandling ...

Sökväg:





Start / Nationella riktlinjer för lung... / Sök i riktlinjerna

[Nyckelord](#)

[Sök i riktlinjerna för lungcancervård](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** med datortomografi eller magnetisk resonanstomografi i primär utredning 4 Hög risk för lungcancer (medelålders eller äldre rökare) Lungcancerscreening med lågdos-datortomografi FoU Icke småcellig lungcancer ...

Sökväg:

Start / Nationella riktlinjer för lung... / Sök i riktlinjerna

[Nyckelord](#)

[Icke småcellig lungcancer i stadium I-II](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** med datortomografi eller magnetisk resonanstomografi i primär utredning - Brödtext Rekommendation - 1 2 3 4 5 6 7 8 Detta är det valda alternativet: 9 10 Icke-göra FoU Motivering till rekommendation - Avgörande ...

Sökväg:

Start / Nationella riktlinjer för lung... / Sök i riktlinjerna / Icke småcellig lungcancer i st...

[Nyckelord](#)

[Icke småcellig lungcancer i stadium III](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** med datortomografi eller magnetisk resonanstomografi i primär utredning - Brödtext Rekommendation - 1 2 3 4 5 Detta är det valda alternativet: 6 7 8 9 10 Icke-göra FoU Motivering till rekommendation - Avgörande ...

Sökväg:

Start / Nationella riktlinjer för lung... / Sök i riktlinjerna / Icke småcellig lungcancer i st...

[Nyckelord](#)

[Begränsad småcellig lungcancer](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** med datortomografi eller magnetisk resonanstomografi i primär utredning - Brödtext Rekommendation - 1 2 3 Detta är det valda alternativet: 4 5 6 7 8 9 10 Icke-göra FoU Motivering till rekommendation - Avgörande ...

Sökväg:

Start / Nationella riktlinjer för lung... / Sök i riktlinjerna / Begränsad småcellig lungcancer

[Nyckelord](#)

[Spridd småcellig lungcancer som svarat på kemoterapi](#)

Datum: 2011-02-15 [Visa med sökorden markerade](#)



Ladda ner sida ... **hjärnmetastaser** är hög, symtombilden vid sådan metastasering är plågsam för patienten och effekten av strålbehandling mot manifesta metastaser begränsad. Profylaktisk hjärnbestrålning (PCI, Prophylactic Brain Irradiation) har ...

Sökväg:

Start / Nationella riktlinjer för lung... / Sök i riktlinjerna / Spridd småcellig lungcancer so...

[Nyckelord](#)

[Bröstcancer, levermetastaser](#)

Datum: 2014-02-24 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** och multipla metastaslokalisationer har sämre prognos. Det finns inga jämförande studier av obehandlade patienter, men femårsöverlevnaden torde bara vara någon enstaka procent. Systemisk behandling kan ge förlängd ...

Sökväg:

Start / Nationella riktlinjer för brös... / Sök i riktlinjerna / bröstcancer, levermetastaser

[Bröstcancer, levermetastaser](#)

Datum: 2014-02-24 [Visa med sökorden markerade](#)

Ladda ner sida ... **hjärnmetastaser** och multipla metastaslokalisationer har sämre prognos. Det finns inga jämförande studier av obehandlade patienter, men femårsöverlevnaden torde bara vara någon enstaka procent. Systemisk behandling kan ge förlängd ...

Sökväg:

Start / Nationella riktlinjer för brös... / Sök i riktlinjerna / bröstcancer, levermetastaser

[Prostatacancer, skelettmetastaser, kastrationsresistent, progredierat trots docetaxelbehandling](#)

Datum: 2014-02-24 [Visa med sökorden markerade](#)

Ladda ner sida RSS Tillstånd: Prostatacancer, skelettmetastaser, kastrationsresistent, progredierat trots docetaxelbehandling Åtgärd: Palliativ ... **hjärnmetastaser** (2 patienter), betydande alkoholintag (1 patient) respektive felaktig lidokaintillförsel ...

Sökväg:

Start / Nationella riktlinjer för brös... / Sök i riktlinjerna / Prostatacancer, skelettmetasta...

[Sök i riktlinjerna för bröst-, prostata- och tjocktarms- och ändtarmscancervård](#)

Datum: 2014-02-24 [Visa med sökorden markerade](#)

Sök i riktlinjerna för bröst-, prostata- och tjocktarms- och ändtarmscancervård - Ladda ner sida RSS Sök i riktlinjerna ... bröstcancer, enstaka **hjärnmetastaser** Adjuvant helhjärnsbestrålning (WBRT) efter kirurgi eller stereotaktisk strålbehandling ...

Sökväg:

Start / Nationella riktlinjer för brös... / Sök i riktlinjerna



- **6 TREFF PÅ HJERNEMETASTASER**

- **Lungekreft, mesoteliom og thymom -  
handlingsprogram**

Nasjonalt handlingsprogram med retningslinjer for diagnostikk, behandling og oppfølging av lungekreft, mesoteliom og thymom

Utgitt: 13.10.2016 IS-nummer: IS-2544 Type: Nasjonale faglige retningslinjer  
... ALK-hemmer Ved 4 eller færre **hjernemetastaser** anbefales stereotaktisk stråleterapi over ...

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- **Småcellet lungekreft**

**Hjernemetastaser** ved småcellet lungekreft forekommer hyppig, og kan forebygges med ... Erkjente **hjernemetastaser** ved småcellet lungekreft vil ofte respondere på kjemoterapi ...

Anbefaling i [Pakkeforløp for lungekreft](#)

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- **Kliniske presentasjoner**

hos pasienter med påvist ascites **Hjernemetastaser** MR caput er indisert hvis det er av ... følgende prinsipper for utredning av **hjernemetastaser** Ved én symptomgivende tumor med ...

Anbefaling i [Pakkeforløp for metastaser med ukjent utgangspunkt](#)



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## Ikke- småcellet lungekreft

Ikke- småcellet lungekreft Stadium I/II Pasienten tilbys kirurgi dersom det er teknisk og ... **Hjernemetastaser** ved ikke-småcellet lungekreft skal strålebehandles ...

Anbefaling i [Pakkeforløp for lungekreft](#)

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## Utredning

Utredning MR er den foretrukne bildemodaliteten ved mistanke om ... som er under utarbeidelse Påvises **hjernemetastaser** etter kirurgisk inngrep skal pasienten ...

Anbefaling i [Pakkeforløp for hjernekreft](#)

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## Introduksjon til pakkeforløp for hjernekreft



Nasjonal kreftstrategi 2013-2017 er ett av fem hovedmål for kreftomsorgen «Norge skal bli et ... Symptomene til pasienter med **hjernemetastaser** skiller seg ikke fra symptomene til ...

Kapittel i [Pakkeforløp for hjernekreft](#)



## AVGRENS VISNING

Avgrens

søkeresultatene

## OM NASJONALE FAGLIGE RETNINGSLINJER

- [Metoder og verktøy](#)
- [Under utvikling eller revisjon](#)

**Kunnskapscenteret, Norge,** 1 fund

### [Nasjonalt handlingsprogram med retningslinjer for palliasjon i ...](#)

Filformat: PDF/Adobe Acrobat

Trykksymptomer pga. **hjernemetastaser**. • Obstipasjon. • Obstruksjon av galleveier. • Obstruksjon i GI-tractus. • Kreftsår. • Ernærings- og væskebehandling .

## **The Cochrane Library**

ID	Search	Hits
#1	brain metastas*:ti,ab,kw (Word variations have been searched)	1143
#2	cerebral metastas*	189
#3	#1 or #2 Publication Year from 2013 to 2017	611

51 + 9

**There are 51 results from 9899 records for your search on #3 - #1 or #2 , Publication Year from 2013 to 2017 in Cochrane Reviews in the strategy currently being edited**

- [Surgery or radiosurgery plus whole brain radiotherapy versus surgery or radiosurgery alone for brain metastases](#)

Yu Yang Soon , Ivan Weng Keong Tham , Keith H Lim , Wee Yao Koh and Jiade J Lu

Online Publication Date: March 2014

### **1. Review**

- You have free access to this contentoption2

[Surgery versus radiosurgery for people with single or solitary brain metastases](#)



Rafel Fuentes , Dimelza Osorio , José Expósito Hernandez , Daniel Simancas-Racines and Xavier Bonfill Cosp

Online Publication Date: February 2016

**1. Protocol**

- You have free access to this contentoption3

[Image guided surgery for the resection of brain tumours](#)

Damiano Giuseppe Barone , Theresa A Lawrie and Michael G Hart

Online Publication Date: January 2014

**1. Review**

- You have free access to this contentoption4

[Chemotherapy for newly diagnosed inoperable brain metastases from non-small cell lung cancer](#)

Guanghai Ji , Yanfang Qian , Zhi Rui Zhou , Wenlong Tan and Xiaofei Ye

Online Publication Date: June 2014

**1. Protocol**

- You have free access to this contentoption5

[Interventions for preventing and ameliorating cognitive deficits in adults treated with cranial irradiation](#)

Julia Day , Karolis Zienius , Karin Gehring , David Grosshans , Martin Taphoorn , Robin Grant , Jing Li and Paul D Brown

Online Publication Date: December 2014

**1. Review**

- You have free access to this contentoption6

[Platinum versus non-platinum chemotherapy regimens for small cell lung cancer](#)

Isuru U Amarasena , Saion Chatterjee , Julia AE Walters , Richard Wood-Baker and Kwun M Fong

Online Publication Date: August 2015

**1. Ns**

**2. Review**

- You have full text access to this contentoption7

[Intracystic bleomycin for cystic craniopharyngiomas in children](#)

Si Zhang , Yuan Fang , Bo Wen Cai , Jian Guo Xu and Chao You

Online Publication Date: July 2016

**1. Ns**

**2. Review**

- You have free access to this contentoption8

[Trastuzumab-containing regimens for metastatic breast cancer](#)

Sara Balduzzi , Stefania Mantarro , Valentina Guarneri , Ludovica Tagliabue , Vanna Pistotti , Lorenzo Moja and Roberto D'Amico

Online Publication Date: June 2014



1. Review

- You have free access to this contentoption9

[Chemotherapy for advanced non-small cell lung cancer in the elderly population](#)

Fábio N Santos , Tiago B de Castria , Marcelo RS Cruz and Rachel Riera

Online Publication Date: October 2015

1. Review

- You have full text access to this contentoption10

[Immunotherapy for metastatic renal cell carcinoma](#)

Susanne Unverzagt , Ines Moldenhauer , Monika Nothacker , Dorothea Roßmeißl , Andreas V Hadjinicolaou , Frank Peinemann , Francesco Greco and Barbara Seliger

Online Publication Date: May 2017

1. Review

- You have free access to this contentoption11

[Pharmacological interventions for pain in children and adolescents with life-limiting conditions](#)

Emma Beecham , Bridget Candy , Richard Howard , Renée McCulloch , Jo Laddie , Henrietta Rees , Victoria Vickerstaff , Myra Bluebond-Langner and Louise Jones

Online Publication Date: March 2015

1. Review

- You have full text access to this contentoption12

[Combination chemotherapy for primary treatment of high-risk gestational trophoblastic tumour](#)

Linyu Deng , Jing Zhang , Taixiang Wu and Theresa A Lawrie

Online Publication Date: January 2013

1. Review

- You have full text access to this contentoption13

[Intravenous heparin during ruptured abdominal aortic aneurysmal repair](#)

Simon Lammy , James P Blackmur and Jeremy MT Perkins

Online Publication Date: August 2016

1. Review

- You have free access to this contentoption14

[Buprenorphine for treating cancer pain](#)

Mia Schmidt-Hansen , Nathan Bromham , Mark Taubert , Stephanie Arnold and Jennifer S Hilgart

Online Publication Date: March 2015

1. Review

- You have free access to this contentoption15



[Oxycodone for cancer-related pain](#)

Mia Schmidt-Hansen , Michael I Bennett , Stephanie Arnold , Nathan Bromham and Jennifer S Hilgart

Online Publication Date: February 2015

1. Review

- You have free access to this contentoption16

[Corticosteroids for the management of cancer-related pain in adults](#)

Alison Haywood , Phillip Good , Sohil Khan , Aurelia Leupp , Sue Jenkins-Marsh , Kirsty Rickett and Janet R Hardy

Online Publication Date: April 2015

1. Review

- You have free access to this contentoption17

[Chemotherapy versus best supportive care for extensive small cell lung cancer](#)

Marta Pelayo Alvarez , Virginie Westeel , Marcela Cortés-Jofré and Xavier Bonfill Cosp

Online Publication Date: November 2013

1. Ns

2. Review

- You have free access to this contentoption18

[Taxane-containing regimens for metastatic breast cancer](#)

Davina Gherzi , Melina L Willson , Matthew Ming Ki Chan , John Simes , Emma Donoghue and Nicholas Wilcken

Online Publication Date: June 2015

1. Review

- You have full text access to this contentoption19

[Nutrition support in hospitalised adults at nutritional risk](#)

Joshua Feinberg , Emil Eik Nielsen , Steven Kwasi Korang , Kirstine Halberg Engell , Marie Skøtt Nielsen , Kang Zhang , Maria Didriksen , Lisbeth Lund , Niklas Lindahl , Sara Hallum , Ning Liang , Wenjing Xiong , Xuemei Yang , Pernille Brunsgaard , Alexandre Garioud , Sanam Safi , Jane Lindschou , Jens Kondrup , Christian Gluud and Janus C Jakobsen

Online Publication Date: May 2017

1. Review

- You have free access to this contentoption20

[Radiofrequency \(thermal\) ablation versus no intervention or other interventions for hepatocellular carcinoma](#)

Sebastian Weis , Annegret Franke , Joachim Mössner , Janus C Jakobsen and Konrad Schoppmeyer

Online Publication Date: December 2013

1. Ns

2. Cc

3. Review

- You have free access to this contentoption21





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[Chemotherapy for children with medulloblastoma](#)

Erna MC Michiels , Antoinette YN Schouten-Van Meeteren , François Doz , Geert O Janssens and Elvira C van Dalen

Online Publication Date: January 2015

**1. Review**

- You have free access to this content

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[Transdermal fentanyl for cancer pain](#)

Gina Hadley , Sheena Derry , R Andrew Moore and Philip J Wiffen

Online Publication Date: October 2013

**1. Review**

- You have free access to this content

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[Parenteral anticoagulation in ambulatory patients with cancer](#)

Elie A Akl , Lara A Kahale , Rami A Ballout , Maddalena Barba , Victor E D Yosucio , Frederiek F van Doormaal , Saskia Middeldorp , Andrew Bryant and Holger Schünemann

Online Publication Date: December 2014

**1. Review**

- You have free access to this content

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[Interventions for preventing delirium in hospitalised non-ICU patients](#)

Najma Siddiqi , Jennifer K Harrison , Andrew Clegg , Elizabeth A Teale , John Young , James Taylor and Samantha A Simpkins

Online Publication Date: March 2016

**1. Ns**

**2. Cc**

**3. Review**

- You have free access to this content

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[Antithrombin III for critically ill patients](#)

Mikkel Allingstrup , Jørn Wetterslev , Frederikke B Ravn , Ann Merete Møller and Arash Afshari

Online Publication Date: February 2016

- [Opioids for the palliation of refractory breathlessness in adults with advanced disease and terminal illness](#)

Hayley Barnes , Julie McDonald , Natasha Smallwood and Renée Manser

Online Publication Date: March 2016

**1. Review**

- You have free access to this content

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[Antiepileptic drugs as prophylaxis for post-craniotomy seizures](#)

Jennifer Weston , Janette Greenhalgh and Anthony G Marson



Online Publication Date: March 2015

1. Ns

2. Review

- You have full text access to this contentoption28

[Iodine-131-meta-iodobenzylguanidine therapy for patients with newly diagnosed high-risk neuroblastoma](#)

Kathelijne CJM Kraal , Elvira C van Dalen , Godelieve AM Tytgat and Berthe LF Van Eck-Smit

Online Publication Date: April 2017

1. Review

- You have free access to this contentoption29

[Antidepressants for the treatment of depression in people with cancer](#)

Giovanni Ostuzzi , Faith Matcham , Sarah Dauchy , Corrado Barbui and Matthew Hotopf

Online Publication Date: June 2015

1. Review

- You have free access to this contentoption30

[Enhanced recovery protocols for major upper gastrointestinal, liver and pancreatic surgery](#)

Giles Bond-Smith , Ajay P Belgaumkar , Brian R Davidson and Kurinchi Selvan Gurusamy

Online Publication Date: February 2016

1. Review

- You have full text access to this contentoption31

[Antecolic versus retrocolic reconstruction after partial pancreaticoduodenectomy](#)

Felix J Hüttner , Rosa Klotz , Alexis Ulrich , Markus W Büchler and Markus K Diener

Online Publication Date: September 2016

1. Review

- You have full text access to this contentoption32

[Niacin for primary and secondary prevention of cardiovascular events](#)

Stefan Schandelmaier , Matthias Briel , Ramon Saccilotto , Kelechi K Olu , Armon Arpagaus , Lars G Hemkens and Alain J Nordmann

Online Publication Date: June 2017

1. New

2. Review

- You have free access to this contentoption33

[Hypertonic salt solution for peri-operative fluid management](#)

Brad Shrum , Brian Church , Eric McArthur , Karen EA Burns , Tammy Znajda and Vivian McAlister

Online Publication Date: June 2016

1. Ns



2. Review

- You have full text access to this contentoption34

[Blood pressure lowering efficacy of renin inhibitors for primary hypertension](#)

Vijaya M Musini , Kendra AK Lawrence , Patricia M Fortin , Ken Bassett and James M Wright

Online Publication Date: April 2017

1. Cm

2. Review

- You have free access to this contentoption35

[Surgical versus non-surgical treatment for lumbar spinal stenosis](#)

Fabio Zaina , Christy Tomkins-Lane , Eugene Carragee and Stefano Negrini

Online Publication Date: January 2016

1. Review

- You have free access to this contentoption36

[Percutaneous vertebroplasty for osteoporotic vertebral compression fracture](#)

Rachelle Buchbinder , Kamran Golmohammadi , Renea V Johnston , Richard J Owen , Joanne Homik , Allyson Jones , Sukhvinder S Dhillon , David F Kallmes and Robert GW Lambert

Online Publication Date: April 2015

1. Review

- You have free access to this contentoption37

[Multidisciplinary rehabilitation after primary brain tumour treatment](#)

Fary Khan , Bhasker Amatya , Louisa Ng , Kate Drummond and Mary Galea

Online Publication Date: August 2015

1. Review

- You have free access to this contentoption38

[Physical exercise training interventions for children and young adults during and after treatment for childhood cancer](#)

Katja I Braam , Patrick van der Torre , Tim Takken , Margreet A Veening , Eline van Dulmen-den Broeder and Gertjan JL Kaspers

Online Publication Date: March 2016

1. Cm

2. Review

- You have free access to this contentoption39

[Antiemetic medication for prevention and treatment of chemotherapy-induced nausea and vomiting in childhood](#)

Robert S Phillips , Amanda J Friend , Faith Gibson , Elizabeth Houghton , Shireen Gopaul , Jean V Craig and Barry Pizer

Online Publication Date: February 2016



1. Ns

2. Review

- You have full text access to this contentoption40

[Pentasaccharides for the prevention of venous thromboembolism](#)

Kezhou Dong , Yanzhi Song , Xiaodong Li , Jie Ding , Zhiyong Gao , Daopei Lu and Yimin Zhu

Online Publication Date: October 2016

1. Review

- You have free access to this contentoption41

[Multimedia educational interventions for consumers about prescribed and over-the-counter medications](#)

Sabina Ciciriello , Renea V Johnston , Richard H Osborne , Ian Wicks , Tanya deKroo , Rosemary Clerehan , Clare O'Neill and Rachelle Buchbinder

Online Publication Date: April 2013

1. Review

- You have full text access to this contentoption42

[Pharmacological interventions for pruritus in adult palliative care patients](#)

Waldemar Siemens , Carola Xander , Joerg J Meerpohl , Sabine Buroh , Gerd Antes , Guido Schwarzer and Gerhild Becker

Online Publication Date: November 2016

1. Review

- You have free access to this contentoption43

[Vitamin D supplementation for prevention of cancer in adults](#)

Goran Bjelakovic , Lise Lotte Gluud , Dimitrinka Nikolova , Kate Whitfield , Goran Krstic , Jørn Wetterslev and Christian Gluud

Online Publication Date: June 2014

1. Review

- You have full text access to this contentoption44

[Cell-based therapies for amyotrophic lateral sclerosis/motor neuron disease](#)

S Fadilah Abdul Wahid , Zhe Kang Law , Nor Azimah Ismail , Raymond Azman Ali and Nai Ming Lai

Online Publication Date: November 2016

1. Review

- You have free access to this contentoption45

[Heparin for the prevention of venous thromboembolism in acutely ill medical patients \(excluding stroke and myocardial infarction\)](#)

Raza Alikhan , Rachel Forster and Alexander T Cohen

Online Publication Date: May 2014



1. Cm

2. Review

- You have free access to this contentoption46

[Thrombolytic therapy for pulmonary embolism](#)

Qiukui Hao , Bi Rong Dong , Jirong Yue , Taixiang Wu and Guan J Liu

Online Publication Date: September 2015

1. Ns

2. Review

- You have full text access to this contentoption47

[Systemic corticosteroids for the management of cancer-related breathlessness \(dyspnoea\) in adults](#)

Alison Haywood , Jacqueline Duc , Phillip Good , Sohil Khan , Kirsty Rickett , Petra Vayne-Bossert and Janet R Hardy

Online Publication Date: June 2017

1. New

2. Protocol

- You have free access to this contentoption48

[Oral direct thrombin inhibitors or oral factor Xa inhibitors for the treatment of deep vein thrombosis](#)

Lindsay Robertson , Patrick Kesteven and James E McCaslin

Online Publication Date: June 2015

1. Cm

2. Review

- You have free access to this contentoption49

[Traction for low-back pain with or without sciatica](#)

Inge Wegner , Indah S Widyahening , Maurits W van Tulder , Stefan EI Blomberg , Henrica CW de Vet , Gert Brønfort , Lex M Bouter and Geert J van der Heijden

Online Publication Date: August 2013

1. Ns

2. Review

- You have free access to this contentoption50

[Spinal cord stimulation for cancer-related pain in adults](#)

Lihua Peng , Su Min , Zhou Zejun , Ke Wei and Michael I Bennett

Online Publication Date: June 2015

[Vitamin D supplementation for prevention of mortality in adults](#)

Goran Bjelakovic , Lise Lotte Gluud , Dimitrinka Nikolova , Kate Whitfield , Jørn Wetterslev , Rosa G Simonetti , Marija Bjelakovic and Christian Gluud

Online Publication Date: January 2014

## Other reviews 9 fund

**There are 9 results from 36795 records for your search on #3 - #1 or #2 , Publication Year from 2013 to 2017 in Other Reviews in the strategy currently being edited**

- [Whole brain radiotherapy combined with stereotactic radiotherapy versus stereotactic radiotherapy alone for brain metastases: a meta-analysis \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Duan L , Zeng R , Yang KH , Tian JH , Wu XL , Dai Q , Niu XD and Ma DW  
Asian Pacific Journal of Cancer Prevention, 2014, 15(2), 911-915

- 
- option2

[Antineoplastic therapy combined with whole brain radiation compared with whole brain radiation alone for brain metastases: a systematic review and meta-analysis \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Meng FL , Zhou QH , Zhang LL , Ma Q , Shao Y and Ren YY

European Review for Medical and Pharmacological Sciences, 2013, 17(6), 777-787

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- option3

[The value of diffusion tensor imaging in differentiating high-grade gliomas from brain metastases: a systematic review and meta-analysis \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Jiang R , Du FZ , He C , Gu M , Ke ZW and Li JH

2014, e112550

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### 1. New

- option4

[Whole brain radiotherapy plus concurrent chemotherapy in non-small cell lung cancer patients with brain metastases: a meta-analysis \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Qin H , Pan F , Li J , Zhang X , Liang H and Ruan Z

2014, e111475

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### 1. New

- option5



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[EGFR-TKI therapy for patients with brain metastases from non-small-cell lung cancer: a pooled analysis of published data \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Fan Y , Xu X and Xie C

2014, 2075-2084

1. New

- option6

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[A systematic review of risk factors for brain metastases and value of prophylactic cranial irradiation in non-small cell lung cancer \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Sun DS , Hu LK , Cai Y , Li XM , Ye L , Hou HY , Wang CH and Jiang YH

Asian Pacific Journal of Cancer Prevention, 2014, 15(3), 1233-1239

- option7

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[The role of radiosurgery to the tumor bed after resection of brain metastases \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Gans JH , Raper DM , Shah AH , Bregy A , Heros D , Lally BE , Morcos JJ , Heros RC and Komotar RJ

Neurosurgery, 2013, 72(3), 317-325

- option8

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[A systematic review of trastuzumab and lapatinib in the treatment of women with brain metastases from HER2-positive breast cancer \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Larsen PB , Kumler I and Nielsen DL

Cancer Treatment Reviews, 2013, 39(7), 720-727

- option9

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[An individual patient data meta-analysis on characteristics, treatments and outcomes of the glioblastoma/gliosarcoma patients with central nervous system metastases reported in literature until 2013 \(Provisional abstract\)](#)

Centre for Reviews and Dissemination

Original Author(s): Pietschmann S , vonBueren AO , Henke G , Kerber MJ , Kortmann RD and Muller K

2014, 451-457



## Medline

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Brain Neoplasms/ or brain metastasis.mp. or Neoplasm Metastasis/	197209
2	Brain Neoplasms/ or brain metastas*.mp.	106013
3	cerebral metastasis.mp.	652
4	cerebral metastases.mp.	1164
5	(Guideline* or practice guideline* or clinical guideline*).ti,kw,sh.	204568
6	1 or 2 or 3 or 4	199411
7	5 and 6	783
8	limit 7 to yr="2013 - 2017"	269

## Embase

Database(s): **Embase** 1996 to 2017 Week 35

Search Strategy:

#	Searches	Results
1	Brain Neoplasms/ or brain metastasis.mp. or Neoplasm Metastasis/	101371
2	Brain Neoplasms/ or brain metastas*.mp.	35175
3	cerebral metastasis.mp.	563
4	cerebral metastases.mp.	979
5	(Guideline* or practice guideline* or clinical guideline*).ti,kw,sh.	331553
6	1 or 2 or 3 or 4	102195
7	5 and 6	1185
8	limit 7 to yr="2013 - 2017"	205