

## Dokumentasjon av litteratursøk for VBP

Til søk for VBP utfører vi søk i de basene som er beskrevet nedenfor, dette etter avtale med Klinisk Dokumentasjon Sykepleie (KDS) - DP Løsning Regional EPJ.

Vi søker i et begrenset antall databaser, de fleste er kilder for oppsummert forskning. I databasene som også inneholder enkeltstudier - PubMed/Medline og SveMed+: I PubMed/Medline vil vi ofte begrense søket til mulige systematiske oversikter/retningslinjer, og i SveMed+ vil vi gjerne begrense søket til artikler publisert i diverse nordiske sykepleietidsskrifter.

<b>Problemstilling</b>	På hvilke måter påvirker ERAS (Enhanced recovery after surgery) pasientens forløp ved Leverreseksjon?
<b>Bibliotekar som utførte/veiledet søket:</b>	Marie Isachsen <a href="mailto:m.s.isachsen@ub.uio.no">m.s.isachsen@ub.uio.no</a>
<b>Kontaktperson/avd.</b>	Trine Ertzeid <a href="mailto:tertzeid@ous-hf.no">tertzeid@ous-hf.no</a>
<b>Dato for søk:</b>	24. februar 2020
<b>Navn VBP</b>	Leverreseksjon med ERAS

<b>Database/ressurs:</b>	<a href="#">Fagprosedyrer som er lokalt utviklet og godkjent i de enkelte helseforetak</a> (på nettsiden til Helsebiblioteket)
<b>Søkehistorie:</b>	Sett gjennom liste Kirurgi  Søkt på div: lever, leverkreft, leverreseksjon, leverkirurgi, hepatocelluært karsinom, kolangiokarsinom, eras
<b>Treff:</b>	0

<b>Database/ressurs:</b>	<a href="#">VAR HEALTHCARE</a> (tidligere PPS - Praktiske prosedyrer i sykepleietjenesten)
<b>Søkehistorie:</b>	Dere ser selv i E-håndboka -> Kunnskapskilder > VAR
<b>Treff:</b>	

<b>Database/ressurs:</b>	<a href="#">Nasjonale retningslinjer fra Helsedirektoratet</a>
<b>Søkehistorie:</b>	Sett gjennom liste

<b>Treff:</b>	<p>Pakkeforløp for primær leverkreft  Helsedirektoratet - Sist faglig oppdatert: 28. februar 2017  <a href="https://www.helsedirektoratet.no/pakkeforlop/primaer-leverkreft">https://www.helsedirektoratet.no/pakkeforlop/primaer-leverkreft</a></p>
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<b>Database/ressurs:</b>	<a href="#">Folkehelseinstituttet - rapporter og trykksaker</a>
<b>Søkehistorie:</b>	lever, leverkreft, leverreseksjon, leverkirurgi, hepatocelluært karsinom, kolangiokarsinom, eras
<b>Treff:</b>	0

<b>Database/ressurs:</b>	<a href="#">Oncolex</a>
<b>Søkehistorie og treff</b>	<p>Kreft i lever  Oncolex - 2014  <a href="http://oncolex.no/Lever">http://oncolex.no/Lever</a></p> <p>Kreft i galleganger/-blære  Oncolex - 2014  <a href="http://oncolex.no/Galle">http://oncolex.no/Galle</a></p>

<b>Database/ressurs:</b>	<a href="#">Helsebibliotekets retningslinjebase</a>
<b>Søkehistorie og treff:</b>	<p>Sett gjennom emnegruppe <a href="#">Mage og tarm</a></p> <p>Se retningslinjer for hhv. cholangiocarcinom og galleblærecancer fra Norsk Gastrointestinal Cancergruppe:  <a href="https://ngicg.no/handlingsprogram/retningslinjer">https://ngicg.no/handlingsprogram/retningslinjer</a></p>

<b>Database/ressurs:</b>	<a href="#">NICE Guidance (UK)</a>
<b>Søkehistorie og treff:</b>	<p>Fulgt stien:</p> <p>NICE Guidance &gt; Conditions and diseases &gt; Liver conditions</p> <p>Plukket ut:</p> <p>Liver cancers  NICE Pathways  <a href="https://pathways.nice.org.uk/pathways/liver-cancers">https://pathways.nice.org.uk/pathways/liver-cancers</a></p>

	<p>Cabozantinib for previously treated advanced hepatocellular carcinoma (terminated appraisal) Technology appraisal [TA582] Published date: 24 May 2019 <a href="https://www.nice.org.uk/guidance/ta582">https://www.nice.org.uk/guidance/ta582</a></p> <p>Microwave ablation for treating liver metastases Interventional procedures guidance [IPG553] Published date: April 2016 <a href="https://www.nice.org.uk/guidance/ipg553">https://www.nice.org.uk/guidance/ipg553</a></p>
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<b>Database/ressurs:</b>	<a href="#">Socialstyrelsen (Sve) - Nationella riktlinjer</a>
<b>Søkehistorie:</b>	Sett gjennom liste
<b>Treff:</b>	<p>Nationella riktlinjer för bröst-, prostata-, tjocktarms- och ändtarmscancervård Socialstyrelsen (SE) - 2014 <a href="https://www.socialstyrelsen.se/regler-och-riktlinjer/nationella-riktlinjer/slutliga-riktlinjer/brost-prostata-tjocktarms-och-andtarmscancervard/">https://www.socialstyrelsen.se/regler-och-riktlinjer/nationella-riktlinjer/slutliga-riktlinjer/brost-prostata-tjocktarms-och-andtarmscancervard/</a></p>

<b>Database/ressurs:</b>	<a href="#">Sundhedsstyrelsen - Kvalitet og retningslinjer (DK)</a>
<b>Søkehistorie:</b>	Sett gjennom liste
<b>Treff:</b>	<p>Pakkeforløb for primær leverkræft Sundhedsstyrelsen (DK) - 2016 <a href="https://www.sst.dk/da/Udgivelser/2016/Pakkeforloeb-for-primar-leverkraeft">https://www.sst.dk/da/Udgivelser/2016/Pakkeforloeb-for-primar-leverkraeft</a></p> <p>Pakkeforløb for kræft i tyk- og endetarm Sundhedsstyrelsen (DK) - 2016 <a href="https://www.sst.dk/da/Udgivelser/2016/Pakkeforloeb-for-kræft-i-tyk--og-endetarm">https://www.sst.dk/da/Udgivelser/2016/Pakkeforloeb-for-kræft-i-tyk--og-endetarm</a></p>

<b>Database/ressurs:</b>	<a href="#">Center for kliniske retningslinjer (DK)</a>
<b>Søkehistorie:</b>	Sett gjennom Godkente retningslinjer
<b>Treff:</b>	0

<b>Database/ressurs:</b>	<a href="#">Nursing Reference Center</a>
<b>Søkehistorie og treff:</b>	<p>Søkt i tittelfeltet:</p> <p>Liver or hepat* or intrahepat* OR cholangiocarcinom* OR (enhanced AND recovery) OR eras</p>

Avgrenset til publikasjonstypene: Evidence Based Care Sheets, Skills, Quick Lessons og Patient Handouts

*For å få fulltekstlenkene til å virke: det kan være nødvendig å kopiere og lime inn lenkene inn i nettleserens adressefelt (URL-feltet), istedet for bare å klikke på dem.*

Plukket ut disse fra et større trefffall:

#### Evidence Based Care Sheets

Liver Cancer: Diet By: Marcel C, Holle MN, Pravikoff D, CINAHL Nursing Guide, November 9, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T906238&site=nup-live&scope=site>

#### Quick lessons

Carcinoma, Hepatocellular: Surgical Therapy By: Boling B, Holle MN, Pravikoff D, CINAHL Nursing Guide, November 23, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702605&site=nup-live&scope=site>

Carcinoma, Hepatocellular: Palliative Care By: Schub T, Smith N, Pravikoff D, CINAHL Nursing Guide, June 1, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702618&site=nup-live&scope=site>

Carcinoma, Hepatocellular: Prevention By: Caple C, Pravikoff D, CINAHL Nursing Guide, June 29, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702606&site=nup-live&scope=site>

Carcinoma, Hepatocellular, in Older Adults By: Schub T, Smith N, Pravikoff D, CINAHL Nursing Guide, June 15, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702619&site=nup-live&scope=site>

Carcinoma, Hepatocellular By: Schiebel DA, Holle MN, Pravikoff D, CINAHL Nursing Guide, April 20, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702596&site=nup-live&scope=site>

Liver Disease, Parenteral Nutrition-Associated By: Schub T, Uribe LM, Pravikoff D, CINAHL Nursing Guide, April 20, 2018

<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702561&site=nup-live&scope=site>

Liver Cancer By: Schub T, Holle MN, Pravikoff D, CINAHL Nursing Guide, June 15, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T701131&site=nup-live&scope=site>

Cholangiocarcinoma By: Schub T, Holle MN, Pravikoff D, CINAHL Nursing Guide, June 1, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702694&site=nup-live&scope=site>

Cholangiocarcinoma, Hilar By: Cabrera G, Holle MN, Pravikoff D, CINAHL Nursing Guide, June 29, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702728&site=nup-live&scope=site>

Cholangiocarcinoma: Therapy By: Schub T, Oji O, Pravikoff D, CINAHL Nursing Guide, June 15, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T702729&site=nup-live&scope=site>

Patient Handouts

Hepatic Resection By: Kerr SJ, Health Library: Evidence-Based Information, March 1, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2010970464&site=nup-live&scope=site>

Liver Cancer By: LaRusso L, Health Library: Evidence-Based Information, September 1, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2009866515&site=nup-live&scope=site>

Discharge Instructions for Liver Cancer Health Library: Evidence-Based Information, December 1, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2010066302&site=nup-live&scope=site>

Liver Biopsy By: Mahnke D, Mahnke D, Health Library: Evidence-Based Information, March 1, 2018  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2009866294&site=nup-live&scope=site>

Discharge Instructions for Liver Biopsy By: Kellicker PG, Mahnke D, Health Library: Evidence-Based Information, March 1, 2017  
<http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=2009869575&site=nup-live&scope=site>

Cholangiocarcinoma By: Stahl RJ, Health Library: Evidence-Based Information, November 1, 2018

	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=nup&amp;AN=2011457946&amp;site=nup-live&amp;scope=site">http://search.ebscohost.com/login.aspx?direct=true&amp;db=nup&amp;AN=2011457946&amp;site=nup-live&amp;scope=site</a>
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<b>Database/ressurs:</b>	<a href="#">UpToDate</a>
<b>Søkehistorie og treff:</b>	<p>Sett gjennom samlesider med temaoppslag:</p> <p>Fulgt disse stiene:</p> <p>Contents &gt; Topics by Speciality &gt; Gastroenterology-and-hepatology &gt; <a href="#">Hepatic disease</a></p> <p>Contents &gt; Topics by Speciality &gt; Gastroenterology-and-hepatology &gt; <a href="#">Gastrointestinal cancer</a></p> <p>+ søkt div: liver resection, hepatectomy, eras m.fl</p> <p>Plukket ut:</p> <p>Anesthetic management for enhanced recovery after major surgery (ERAS) in adults UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/113724">https://www.uptodate.com/contents/113724</a></p> <p>Enhanced recovery after colorectal surgery UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/15006">https://www.uptodate.com/contents/15006</a></p> <p>Overview of hepatic resection UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/15094">https://www.uptodate.com/contents/15094</a></p> <p>Prehabilitation for anesthesia and surgery UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/120301">https://www.uptodate.com/contents/120301</a></p> <p>Preoperative medical evaluation of the healthy adult patient UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/4816">https://www.uptodate.com/contents/4816</a></p> <p>Treatment of localized cholangiocarcinoma: Adjuvant and neoadjuvant therapy and prognosis UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/2467">https://www.uptodate.com/contents/2467</a></p> <p>Hepatic resection for colorectal cancer liver metastasis UpToDate. Waltham, MA.</p>

	<p><a href="https://www.uptodate.com/contents/115954">https://www.uptodate.com/contents/115954</a></p> <p>Nonsurgical therapies for localized hepatocellular carcinoma: Radiofrequency ablation, laser and microwave thermal ablation, percutaneous injection therapies, cryoablation, high-intensity focused ultrasound, and irreversible electroporation UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/2487">https://www.uptodate.com/contents/2487</a></p> <p>Nonsurgical therapies for localized hepatocellular carcinoma: Transarterial embolization, radiation therapy, and radioembolization UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/15589">https://www.uptodate.com/contents/15589</a></p> <p>Surgical management of potentially resectable hepatocellular carcinoma UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/2488">https://www.uptodate.com/contents/2488</a></p> <p>Approach to liver biopsy UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/3587">https://www.uptodate.com/contents/3587</a></p> <p>Approach to the patient with postoperative jaundice UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/3604">https://www.uptodate.com/contents/3604</a></p> <p>Management of potentially resectable colorectal cancer liver metastases UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/2483">https://www.uptodate.com/contents/2483</a></p> <p>Nonsurgical local treatment strategies for colorectal cancer liver metastases UpToDate. Waltham, MA. <a href="https://www.uptodate.com/contents/2515">https://www.uptodate.com/contents/2515</a></p>
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<b>Database/ressurs:</b>	<a href="#">Best Practice</a>
<b>Søkehistorie og treff:</b>	<p>Sett gjennom:</p> <p>Specialities: <a href="#">Gastroenterology and hepatology</a> Specialities: <a href="#">Oncology</a></p> <p>Hepatocellular carcinoma BMJ Best Practice <a href="https://bestpractice.bmj.com/topics/en-gb/369">https://bestpractice.bmj.com/topics/en-gb/369</a></p> <p>Cholangiocarcinoma BMJ Best Practice <a href="https://bestpractice.bmj.com/topics/en-gb/721">https://bestpractice.bmj.com/topics/en-gb/721</a></p>

	<p>Colorectal cancer BMJ Best Practice <a href="https://bestpractice.bmj.com/topics/en-gb/258">https://bestpractice.bmj.com/topics/en-gb/258</a></p>
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<b>Database/ressurs:</b>	<a href="#">The Cochrane Library</a> (søkt i delbasene Cochrane Reviews og Cochrane Clinical Answers)
<b>Søkehistorie og treff:</b>	<p>Søkt i tittelfeltet:</p> <p>Liver or hepat* or intrahepat* OR cholangiocarcinom* OR (enhanced AND recovery) OR eras</p> <p>Bond-Smith G, Belgaumkar AP, Davidson BR, Gurusamy KS. Enhanced recovery protocols for major upper gastrointestinal, liver and pancreatic surgery. Cochrane Database Syst Rev. 2016(2). <a href="http://dx.doi.org/10.1002/14651858.CD011382.pub2">http://dx.doi.org/10.1002/14651858.CD011382.pub2</a></p> <p>+ plukket ut fra Cochrane Clinical Answers:</p> <p>What are the effects of adding three-dimensional conformal radiotherapy (3D-CRT) after transcatheter arterial chemoembolization (TACE) for adults with primary hepatocellular carcinoma? Cochrane Clinical Answers - 2019 <a href="http://dx.doi.org/10.1002/cca.2530">http://dx.doi.org/10.1002/cca.2530</a></p> <p>In people undergoing major upper gastrointestinal or liver surgery, how does adding enhanced recovery protocols to standard care compare with standard care alone? Cochrane Clinical Answers - 2018 <a href="http://dx.doi.org/10.1002/cca.1397">http://dx.doi.org/10.1002/cca.1397</a></p> <p>What are the effects of Enhanced Recovery after Surgery (ERAS) compared with conventional recovery strategies in people undergoing colorectal surgery? Cochrane Clinical Answers - 2016 <a href="http://dx.doi.org/10.1002/cca.545">http://dx.doi.org/10.1002/cca.545</a></p>

<b>Database/ressurs:</b>	<a href="#">PubMed</a>
<b>Søkehistorie og treff:</b>	<p>Viser til problemstillingen som er oppgitt til dette VBP-søket:</p> <p>«På hvilke måter påvirker ERAS (Enhanced recovery after surgery) pasientens forløp ved Leverreseksjon?»</p>

I motsetning til de fleste andre databasene i dette VBP-søket, har vi i PubMed laget en spisset søkestrategi på disse emnene:

[Lever](#) AND [Kirurgi](#) AND [ERAS/Nursing care/Patient satisfaction/ m.fl](#)

Kommentarer til søket:

- Brukt fokusfunksjon (Majr) på mange emner, for å holde trefftallet nede.
- Emnene inkluderer alle mer spesifikke emner, der dette finnes (hvis det da ikke står Mesh:NoExp)
- Avgrenset til siste 5 år

[\(Hepatectomy\[MeSH\] OR "Cholangiocarcinoma/surgery"\[Mesh\] OR "Liver/surgery"\[Mesh\] OR "Liver Diseases/surgery"\[Mesh\]\) AND \("enhanced recovery" OR eras\[title\] OR "early recovery"\[title\] OR fasttrack\\*\[title\] OR fast-track\\*\[title\] OR \(speeding\[title\] AND recovery\[title\]\) OR \(accelerated\[title\] AND recovery\[title\]\) OR "Recovery of Function"\[Majr\] OR Early Ambulation\[Majr\] OR "Convalescence"\[Majr\] OR "Length of Stay"\[Majr\] OR "Patient Care Planning"\[Majr:NoExp\] OR "Critical Pathways"\[Majr\] OR "Patient Satisfaction"\[Majr\] OR "Patient Care"\[Majr:NoExp\] OR Nursing Care\[Mesh\] OR "Patient Care Management"\[Majr:NoExp\] OR "Pain Management"\[Majr\] OR "Nursing Process"\[Majr:NoExp\] OR "Nursing Assessment"\[Majr:NoExp\]\) AND "last 5 years"\[PDat\] AND \(english\[lang\] OR norwegian\[lang\] OR swedish\[lang\] OR danish\[lang\]\)](#)

Gjorde to ekstra søk for å gjenfinne artikler som er så nye at de ikke er ferdig registrert med emneord i PubMed (=NOT medline[sb]). Det første er avgrenset med PubMeds filter for mulige systematiske oversikter:

[hepatect\\*\[ti\] OR \(\(liver\[Title\] OR hepatic\[Title\] OR hepato\[Title\] OR hepatobili\\*\[ti\]\) AND \(eras\[Title\] OR surgical\[Title\] OR surgery\[Title\] OR surgeries\[Title\] OR resect\\*\[Title\] OR segmentectomy\[Title\] OR post-operat\\*\[Title\] OR postoperat\\*\[Title\]\)\) NOT medline\[sb\] AND systematic\[sb\] AND "last 1 years"\[PDat\]](#)

[hepatect\\*\[ti\] OR \(\(liver\[Title\] OR hepatic\[Title\] OR hepato\[Title\] OR hepatobili\\*\[ti\]\) AND \(eras\[Title\] OR surgical\[Title\] OR surgery\[Title\] OR surgeries\[Title\] OR resect\\*\[Title\] OR segmentectomy\[Title\] OR post-operat\\*\[Title\] OR postoperat\\*\[Title\]\)\) NOT medline\[sb\] AND \("enhanced recovery" OR eras\[title\] OR "early recovery"\[title\] OR fasttrack\\*\[title\] OR fast-track\\*\[title\] OR \(speeding\[title\] AND recovery\[title\]\) OR \(accelerated\[title\] AND recovery\[title\]\) OR nurs\\*\[ti\]\) AND "last 2 years"\[PDat\]](#)

Det ble plukket ut i alt [53 artikler](#)

De 53 artiklene kan også leses her (de kommer ikke nødvendigvis i samme rekkefølge som i lenken over):

1. Zhou JM, He XG, Wang M, Zhao YM, Shu L, Wang LR, et al. Enhanced recovery after surgery program in the patients undergoing hepatectomy for benign liver lesions. *Hepatobiliary Pancreat Dis Int.* 2020.
2. Wee IJY, Syn N, Lee LS, Tan SS, Chiow AKH. A systematic review and meta-analysis on the quality of life after hepatic resection. *HPB (Oxford).* 2020.
3. Paredes AZ, Hyer JM, Tsilimigras DI, Merath K, Mehta R, Sahara K, et al. Skilled nursing facility (SNF) utilization and impact of SNF star-quality ratings on outcomes following hepatectomy among Medicare beneficiaries. *HPB (Oxford).* 2020;22(1):109-15.
4. Noba L, Rodgers S, Chandler C, Balfour A, Hariharan D, Yip VS. Enhanced Recovery After Surgery (ERAS) Reduces Hospital Costs and Improve Clinical Outcomes in Liver Surgery: a Systematic Review and Meta-Analysis. *J Gastrointest Surg.* 2020.
5. Nari GA, Castro-Gutierrez E, Layun J, Falgueras-Verdaguer L, Mariot D, Albiol-Quer MT, et al. Open versus laparoscopic hepatectomies within an ERAS (Enhanced Recovery After Surgery) program. Are there differences? *Cir Cir.* 2020;88(1):49-55.
6. Joliat GR, Hubner M, Roulin D, Demartines N. Cost Analysis of Enhanced Recovery Programs in Colorectal, Pancreatic, and Hepatic Surgery: A Systematic Review. *World J Surg.* 2020;44(3):647-55.
7. Connolly C, Stattner S, Niederwieser T, Primavesi F. Systematic review on peri-operative lactate measurements to predict outcomes in patients undergoing liver resection. *J Hepatobiliary Pancreat Sci.* 2020.
8. Weinberg L, Mackley L, Ho A, McGuigan S, Ianno D, Yii M, et al. Impact of a goal directed fluid therapy algorithm on postoperative morbidity in patients undergoing open right hepatectomy: a single centre retrospective observational study. *BMC Anesthesiol.* 2019;19(1):135.
9. Uhlig C, Rossel T, Denz A, Seifert S, Koch T, Heller AR. Effects of a metabolic optimized fast track concept (MOFA) on bowel function and recovery after surgery in patients undergoing elective colon or liver resection: a randomized controlled trial. *BMC Anesthesiol.* 2019;19(1):156.
10. Tufo A, Dunne DF, Manu N, Lacasia C, Jones L, de Liguori Carino N, et al. Changing outlook for colorectal liver metastasis resection in the elderly. *Eur J Surg Oncol.* 2019;45(4):635-43.
11. Teixeira UF, Goldoni MB, Waechter FL, Sampaio JA, Mendes FF, Fontes PRO. ENHANCED RECOVERY (ERAS) AFTER LIVER SURGERY: COMPARATIVE STUDY IN A BRAZILIAN TERTIARY CENTER. *Arq Bras Cir Dig.* 2019;32(1):e1424.
12. Sun L, Feng Y. Comment on "Efficacy and Safety of Patient-controlled

- Analgesia Compared With Epidural Analgesia After Open Hepatic Resection: A Systematic Review and Meta-analysis". *Ann Surg.* 2019;270(6):e142-e3.
13. Rouxel P, Beloeil H. Enhanced recovery after hepatectomy: A systematic review. *Anaesth Crit Care Pain Med.* 2019;38(1):29-34.
14. Pickens R, Cochran A, Tezber K, Berry R, Bhattacharya E, Koo D, et al. Using a Mobile Application for Real-Time Collection of Patient-Reported Outcomes in Hepatopancreatobiliary Surgery within an ERAS(R) Pathway. *Am Surg.* 2019;85(8):909-17.
15. Nanno Y, Toyama H, Terai S, Mizumoto T, Tanaka M, Kido M, et al. Preoperative Oral Branched-Chain Amino Acid Supplementation Suppresses Intraoperative and Postoperative Blood Lactate Levels in Patients Undergoing Major Hepatectomy. *JPEN J Parenter Enteral Nutr.* 2019;43(2):220-5.
16. Mungroop TH, Geerts BF, Veelo DP, Pawlik TM, Bonnet A, Lesurtel M, et al. Fluid and pain management in liver surgery (MILESTONE): A worldwide study among surgeons and anesthesiologists. *Surgery.* 2019;165(2):337-44.
17. McKay BP, Larder AL, Lam V. Pre-Operative vs. Peri-Operative Nutrition Supplementation in Hepatic Resection for Cancer: A Systematic Review. *Nutr Cancer.* 2019;71(2):179-98.
18. Maria K, Evangelos KA, Dimitris KP, Maria K, Ioannis K, Margarita G. Postoperative stress and pain response applying fast-track protocol in patients undergoing hepatectomy. *J Perioper Pract.* 2019;29(11):368-77.
19. Lillemoe HA, Marcus RK, Day RW, Kim BJ, Narula N, Davis CH, et al. Enhanced recovery in liver surgery decreases postoperative outpatient use of opioids. *Surgery.* 2019;166(1):22-7.
20. Li J, Pourrahmat M, Vasilyeva E, Kim PTW, Osborn J, Wiseman SM. Response to Comment on "Efficacy and Safety of Patient-controlled Analgesia Compared With Epidural Analgesia After Open Hepatic Resection: A Systematic Review and Meta-analysis". *Ann Surg.* 2019;270(6):e143.
21. Kapritsou M. Impact of the Enhanced Recovery Program after Hepato-Pancreato-Biliary Surgery. *Asia Pac J Oncol Nurs.* 2019;6(4):333-5.
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<b>Søkehistorie og treff:</b>	<ol style="list-style-type: none"> <li>1. exp:"Liver Diseases/surgery"</li> <li>2. exp:"Hepatectomy"</li> <li>3. enhanced recovery</li> <li>4. fast-track</li> <li>5. 1 or 2 or 3 or 4</li> </ol> <p>Plukket ut:</p> <p>Burgess LC, Immins T, Wainwright TW. What is the role of post-operative physiotherapy in general surgical Enhanced Recovery after Surgery pathways? European Journal of Physiotherapy. 2019;21(2):62-72. <a href="https://www.tandfonline.com/doi/full/10.1080/21679169.2018.1468813">https://www.tandfonline.com/doi/full/10.1080/21679169.2018.1468813</a></p> <p>Spelt L. Liver resection for colorectal cancer metastases. Prognostic factors and interventions affecting outcome. Svensk Kirurgi. 2017;75(1):24-7. <a href="http://tidningen.svenskkirurgi.se/2017/02/23/liver-resection-for-colorectal-cancer-metastases-prognostic-factors-and-interventions-affecting-outcome/">http://tidningen.svenskkirurgi.se/2017/02/23/liver-resection-for-colorectal-cancer-metastases-prognostic-factors-and-interventions-affecting-outcome/</a></p> <p>Specht K, Kjaersgaard-Andersen P, Kehlet H, Pedersen BD. Vellykket fast-track betinget af veluddannede sygeplejersker. Sygeplejersken Fag&amp;Forskning. 2017;117(4):40-9. <a href="https://dsr.dk/sygeplejersken/arkiv/ff-nr-2017-4/vellykket-fast-track-betinget-af-veluddannede-sygeplejersker">https://dsr.dk/sygeplejersken/arkiv/ff-nr-2017-4/vellykket-fast-track-betinget-af-veluddannede-sygeplejersker</a></p> <p>Isaksson B. Kirurgisk behandling av levermetastaser från kolorektal cancer. Nya</p>

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