

Guidelines for the Management of Hiatal Hernia Literature Searches Summary Chart

(Updated: 6/1/23)

Summary - Run Dates: 8/10/20 (HH I), 6/21/21 (HH II); Updates: 7/21/21 (HH I), 7/13/22 (HH I & II)		
Librarian: Holly Ann Burt		
PICO Questions		
HH I Q1 KQ4	1. In adult patients with recurrent hiatal hernia types II, III, or IV, should conversion to RYGB be performed versus redo repair of the hiatal hernia?	
HH I Q2 KQ5	2. In adult patients with a short esophagus and hiatal hernia types II, III, or IV, should an esophageal lengthening procedure be performed versus no esophageal lengthening procedure?	
HH I Q3 KQ6	3. In adult patients with a hiatal hernia types II, III, or IV and inability to complete a hiatal hernia repair, should a bailout procedure be performed versus aborting the procedure?	
HH II Q1 KQ1	1. In adult patients with Type II, III, IV hiatal hernia who are candidates for mesh placement, should mesh vs. no mesh be used during surgical hiatal hernia repair?	
HH II Q2 KQ2	2. In adult patients with asymptomatic Type II, III, IV hiatal hernia, should repair of the hiatal hernia be done vs. continued surveillance?	
HH II Q3 KQ3	3. In adult patients with Type II, III, IV hiatal hernia, should a fundoplication vs. no fundoplication be performed during surgical repair?	
OVERALL SEARCH RESULTS	Total records identified by database searches	5152
	Records located by handsearching trials, databases, and references	151
	Total trials identified in searches	199
	Total duplicates identified (across KQs, by HAB, in Endnote, in Covidence)	2903
	Total unique records screened	2201
Databases searched (Coverage)		
Systematic Reviews Cochrane Library/ Cochrane (2009-2022)	Clinical Trials Clinicaltrials.gov/NLM (2000-2022)	Medicine CINAHL/EBSCO (1937-2022) Embase/Elsevier (1947-2022) PubMed/NLM (1809/1966-2022)
Databases handsearched for articles published by the trials retrieved by Clinicaltrials.gov and Cochrane searches: ICTRP (International Clinical Trials Registry Platform)/WHO, Clinicaltrials.gov, PubMed, and Google Scholar		

KQ4 / HH I Q1: In adult patients with recurrent hiatal hernia types II, III, or IV, should conversion to RYGB be performed versus redo repair of the hiatal hernia?		
Database	Final search strategies	Results
PubMed I Q1	((("Hiatal hernia" [tw] OR paraesophageal[tw] OR "Hernia, Hiatal"[majr] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot])) OR "recurrent HH"[tw]) AND (recurrence[tw] OR recurrent[tw] OR re-recurrence[tw] OR recurrences[tw] OR Recurrence[mh]) AND (redo[tw] OR revision[tw] OR reintervention[tw] OR reoperative[tw] OR reoperation[tw] OR reoperation[mh] OR "Second-Look Surgery"[mh] OR RYGB[tw] OR Roux[tw] OR ("Gastric Bypass"[mh] AND (Roux[tiab] OR Roux[ot])) OR LRYGB[tw]) AND (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR "Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title]) AND English[lang]) NOT (("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR rats[tiab] OR dog[tiab] OR	162

	dogs[tiab] OR porcine[tiab] OR (1904 : 2004[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab])	
Embase I Q1	('hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND ('recurrent disease'/exp OR 'recurrent disease' OR recurren*:ab,ti) AND ('roux y anastomosis'/exp OR 'roux y anastomosis' OR 'roux-en-y gastric bypass'/exp OR 'roux-en-y gastric bypass' OR 'redo surgery'/exp OR 'redo surgery' OR 'revision'/exp OR revision) AND [english]/lim AND ('practice guideline'/exp OR 'practice guideline' OR [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [clinical study]/lim OR 'case report'/exp OR 'case report' OR 'case study'/exp OR 'case study') NOT ([animals]/lim OR [child]/lim OR [embryo]/lim OR [fetus]/lim OR [infant]/lim OR [newborn]/lim OR [preschool]/lim OR [school]/lim OR [1889-2004]/py)	122
Cochrane I Q1	"hiatal hernia" AND "recurrence" AND ("Roux-en-Y" OR "Roux en Y" OR "roux" OR "reoperate" OR "reoperation" OR "revisional")	7
CINAHL I Q1	hiatal hernia AND (recurrent or recurrence) OR (roux OR redo OR revision) / Date 2005-2020	30
ClinTrials I Q1	redo OR RYGB OR Revision OR Roux Hiatal Hernia	5
	7/21/21	
PubMed I Q1	Above plus: NOT (1904/01/01 : 2020/06/30[PDAT])	23
Embase I Q1	Above plus: NOT [1889-2019]/py	28
Cochrane IQ1	Above plus: Date 06/2020-12/2021	2
CINAHL Q1	Above plus: Date 2020-2021	5
	7/13/22	
PubMed I Q1	Above plus: AND ("2021/07/01"[CRDT] : "2022/07/31"[CRDT])	12
Embase I Q1	Above plus: NOT [1889-2019]/py	35
Cochrane IQ1	Above plus: Added since 7/1/22	2
CINAHL I Q1	Above plus: Date 2020-2021	2
ClinTrials I Q1	redo OR RYGB OR Revision OR Roux Hiatal Hernia 2020-2022	2
KQ4 / HH I Q1 SEARCH RESULTS	Total records identified by database searches	435
	Additional records located by handsearching	25
	Total trials identified in searches	8
	Total duplicates found	135
	Total records screened	317

KQ5 / HH I Q2: In adult patients with a short esophagus and hiatal hernia types II, III, or IV, should an esophageal lengthening procedure be performed versus no esophageal lengthening procedure?		
Database	Final search strategies	Results
PubMed I Q2	((("Hiatal hernia" [tw] OR paraesophageal[tw] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot])) OR (Herniorrhaphy[mh] AND (Hiatal[tiab] OR Hiatal[ot])) OR "Hernia, Hiatal"[majr]) AND ("shortened esophagus"[tw] OR ("Esophagus"[mh] OR esophageal[tw] OR Esophagus[tw]) AND (lengthen[tw] OR lengthening[tw])) OR "short esophagus"[tw] OR ("short-segment"[tw] AND esophagus[tw]) OR gastroplasty[mh] OR gastroplasty[tw] OR collis[tiab] OR collis [ot] OR (wedge [tw] AND fundectomy[tw]) OR (division[tw] AND vagus[tw]) OR vagotomy[mh] OR vagotomy[tw]) AND (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR "Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title])AND English[lang]) NOT ("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR rats[tiab] OR dog[tiab] OR dogs[tiab] OR porcine[tiab] OR (1904 :	160

	2004[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab])	
Embase I Q2	((('hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND (((('esophagus'/exp OR esophagus) AND lengthening) OR 'short esophagus'/exp OR 'short esophagus' OR 'shortened esophagus' OR 'vagotomy'/exp OR vagotomy OR ('division':ab,ti AND 'vagus':ab,ti) OR 'fundectomy'/exp OR fundectomy OR 'wedge resection'/exp OR 'wedge resection' OR 'collis gastroplasty'/exp OR 'collis gastroplasty') AND [english]/lim AND ('practice guideline'/exp OR 'practice guideline' OR [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [clinical study]/lim OR 'case report'/exp OR 'case report' OR 'case study'/exp OR 'case study')) NOT ([animals]/lim OR [child]/lim OR [embryo]/lim OR [fetus]/lim OR [infant]/lim OR [newborn]/lim OR [preschool]/lim OR [school]/lim OR [1889-2004]/py)	146
Cochrane I Q2	("hiatal hernia"):ti,ab,kw AND ((wedge excision):ti,ab,kw OR (Collis gastroplasty):ti,ab,kw OR (shortened esophagus):ti,ab,kw OR (short esophagus):ti,ab,kw OR (esophageal lengthening):ti,ab,kw OR (vagotomy):ti,ab,kw OR (fundectomy):ti,ab,kw) / Date: 2005-2020	12
CINAHL I Q2	'Hiatal hernia AND (Collis gastroplasty OR vagotomy OR fundectomy OR esophageal lengthening OR short esophagus OR shortened esophagus OR shortening esophagus) /2005-2020	30
Clinical Trials I Q2	("shortened esophagus" OR "short esophagus" OR "esophageal lengthening" OR "shortened oesophagus" OR "short oesophagus" OR boerema OR collis OR vagotomy OR fundectomy) Hernia, Hiatal	8
	7/13/22	
PubMed I Q2	Above plus: AND ("2021/07/01"[CRDT] : "2022/07/31"[CRDT])	15
Embase I Q2	Above plus: NOT [1889-2019]/py	25
Cochrane IQ2	Above plus: Added since 7/1/22	28
CINAHL I Q2	Above plus: Date 2020-2021	14
ClinTrials I Q2	redo OR RYGB OR Revision OR Roux Hiatal Hernia 2020-2022	0
KQ5 / HH I Q2 SEARCH RESULTS	Total records identified by database searches	441
	Additional records located by handsearching	30
	Total trials identified in searches	21
	Total duplicates found	141
	Total items to be screened	309

KQ6 / HH I Q3: In adult patients with hiatal hernia types II, III, or IV and inability to complete a hiatal hernia repair, should a bailout procedure be performed versus aborting the procedure?		
Database	Final search strategies	Results
PubMed I Q3	((("Hiatal hernia" [tw] OR paraesophageal[tw] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot])) OR (Herniorrhaphy[mh] AND (Hiatal[tiab] OR Hiatal[ot])) OR "Hernia, Hiatal"[majr]) AND (bailout[tw] OR ((incompletely[tw] OR incomplete[tw] OR uncompleted[tw]) AND (repairable[tw] OR repaired[tw] OR repair[tw] OR repairing[tw] OR repairs[tw])) OR (unable[tw] AND (close[tw] OR approximate[tw])) OR "bail-out"[tw] OR "bail out"[tw] OR abort[tw] OR aborted[tw] OR aborting[tw] OR ((Boerema[Tiab] OR Boerema[ot]) AND (gastropexy[tw] OR Gastropexis[tw] OR Gastropexy[mh])) OR "bail out"[tw] AND (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR "Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title]) AND English[lang]) NOT ("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR	8

	rats[tiab] OR dog[tiab] OR dogs[tiab] OR porcine[tiab] OR (1904 : 2004[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab]))	
Embase I Q3	(('hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND ((abort* NOT ('abortion'/exp OR abortion)) OR (incomplete* AND repair*) OR (unable NEAR/3 close) OR (unable NEAR/3 approximate) OR bailout OR 'bail out' OR boerema AND ('gastropexy'/exp OR gastropexy)) AND [english]/lim AND ('practice guideline'/exp OR 'practice guideline' OR [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [clinical study]/lim OR 'case report'/exp OR 'case report' OR 'case study'/exp OR 'case study')) NOT ([animals]/lim OR [1889-2004]/py)	26
Cochrane I Q3	(hiatal hernia OR ("herniorraphy" AND Hiatal)) AND ("bailout" OR (abort NOT "Abortion") OR "incomplete repair" OR "unable to close" OR "Boerema gastropexy")	0
CINAHL I Q3	hiatal hernia AND (bailout OR abort OR incomplete repair OR boerema gastropexy OR "unable to close")	4
Clinical Trials I Q3	bail-out OR bailout OR abort OR aborted OR incomplete Hernia, Hiatal	4
	7/13/22	
PubMed I Q3	Above plus: AND ("2021/07/01"[CRDT] : "2022/07/31"[CRDT])	2
Embase I Q3	Above plus: NOT [1889-2019]/py	2
Cochrane IQ3	Above plus: Added since 7/1/22	0
CINAHL I Q3	Above plus: Date 2020-2021	1
ClinTrials I Q3	bail-out OR bailout OR abort OR aborted OR incomplete Hernia, Hiatal 2020-2022	1
KQ6 / HH I Q3 SEARCH RESULTS	Total records identified by database searches	55
	Additional records located by handsearching	12
	Total trials identified in searches	10
	Total duplicates found	19
	Total items to be screened	32

KQ1 / HH II Q1: In adult patients with Type II, III, IV hiatal hernia who are candidates for mesh placement, should mesh vs. no mesh be used during surgical hiatal hernia repair?

Database	Final search strategies for	Results
PubMed II Q1	(('Hiatal hernia' [tw] OR paraesophageal[tw] OR "Hernia, Hiatal"[majr] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot])) AND ("Surgical Mesh"[Mesh] OR mesh[tiab] OR mesh[ot])) AND (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR "Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title])) NOT ((("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR rats[tiab] OR dog[tiab] OR dogs[tiab] OR porcine[tiab] OR (1904 : 1999[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab]))	372
Embase II Q1	(('hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND ('surgical mesh'/exp OR 'surgical mesh' OR mesh:ab,ti,kw) AND [english]/lim AND ('practice guideline'/exp OR 'practice guideline' OR [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [clinical study]/lim OR 'case report'/exp OR 'case report' OR 'case study'/exp OR 'case study')) NOT ([animals]/lim OR [conference abstract]/lim OR [child]/lim OR [embryo]/lim OR [fetus]/lim OR [infant]/lim OR [newborn]/lim OR [preschool]/lim OR [school]/lim OR [1889-1999]/py)	386

CochraneIIQ1	hiatal hernia AND mesh / Date: 2000-2021	60
CINAHL II Q1	(((MH "Hernia, Diaphragmatic+") AND "Hiatal") OR hiatal hernia) AND ((MH "Surgical Mesh") OR "Mesh") / Date: 2000-2021	231
ClinTrialsIIQ1	Mesh Hiatal Hernia	19
	7/13/22	
PubMedIIQ1	Above plus: AND ("2021/06/01"[CRDT] : "2022/07/31"[CRDT])	23
Embase IIQ1	Above plus: NOT [1889-2020]/py	70
CochraneIIQ1	hiatal hernia AND mesh / Added 01/06/2021 to 31/07/2022	4
CINAHL II Q1	Above plus: NOT [1889-2020]/py	19
ClinTrialsIIQ1	Mesh Hiatal Hernia 2021-2022	3
KQ1 / HH II Q 1 SEARCH RESULTS	Total records identified by database searches	1190
	Additional records located by handsearching	11
	Total trials identified in searches	530
	Total duplicates found	39
	Full-text studies assessed for eligibility	632

KQ2 / HH II Q2: In adult patients with asymptomatic Type II, III, IV hiatal hernia, should repair of the hiatal hernia be done vs. continued surveillance?		
Database	Final search strategies for	Results
PubMed II Q2	((("Hiatal hernia" [tw] OR paraesophageal[tw] OR "Hernia, Hiatal"[majr] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot]))) AND (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR "Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title]) AND asymptomatic[tw]) NOT (("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR rats[tiab] OR dog[tiab] OR dogs[tiab] OR porcine[tiab] OR (1904 : 1999[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab]))	185
Embase II Q2	((('hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND asymptomatic AND ('practice guideline'/exp OR 'practice guideline' OR [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim OR [clinical study]/lim OR 'case report'/exp OR 'case report' OR 'case study'/exp OR 'case study') AND [english]/lim) NOT ([animals]/lim OR [conference abstract]/lim OR [child]/lim OR [embryo]/lim OR [fetus]/lim OR [infant]/lim OR [newborn]/lim OR [preschool]/lim OR [school]/lim OR [1889-2004]/py)	238
CochraneIIQ2	hiatal hernia AND asymptomatic	185
CINAHL II Q2	(((MH "Hernia, Diaphragmatic+") AND "Hiatal") OR hiatal hernia) AND ("asymptomatic") /date: 2000-2021	71
ClinTrialsIIQ2	asymptomatic Hiatal Hernia OR Paraesophageal	6
	7/13/22	
PubMed IIQ2	Above plus: AND ("2021/06/01"[CRDT] : "2022/07/31"[CRDT])	23
Embase IIQ2	Above plus: NOT OR [1889-2020]/py	70
CochraneIIQ2	hiatal hernia AND mesh / Added 01/06/2021 to 31/07/2022	4
CINAHL II Q2	(((MH "Hernia, Diaphragmatic+") AND "Hiatal") OR hiatal hernia) AND ((MH "Surgical Mesh") OR "Mesh") / NOT [1889-2020]/py	19
ClinTrialsIIQ2	Mesh Hiatal Hernia 2021-2022	3
KQ2 /	Total records identified by database searches	752

HH II Q2 SEARCH RESULTS	Additional records located by handsearching	27
	Total trials identified in searches	51
	Total duplicates found	305
	Total items to be screened	423

KQ3 / HH II Q3: In adult patients with Type II, III, IV hiatal hernia, should a fundoplication vs. no fundoplication be performed during surgical repair?		
Database	Final search strategies for	Results
PubMed II Q3	((("Hiatal hernia" [tw] OR paraesophageal[tw] OR "Hernia, Hiatal"[majr] OR ("Hernia, Hiatal"[mh] AND (hernia[tiab] OR hernia[ot]))) AND ("Fundoplication"[Mesh] OR Fundoplication[tw] OR Nissen[tiab] OR "Anti-Reflux"[tiab] OR toupet[tiab]) AND ("Clinical Study"[pt] OR "Comparative Study"[pt] OR "Epidemiologic studies" [mh] OR "Evaluation Study"[pt] OR "Meta-Analysis"[pt] OR "Multicenter Study"[pt] OR "Systematic Review"[pt] OR randomized[tiab] OR analysis[tiab] OR study[tiab] OR studies [tiab] OR "Practice Guideline"[pt] OR "practice guidelines as topic"[mh] OR guideline[title] OR guidelines[title])) NOT (Case reports[pt] OR "case report"[tw] OR "case study"[tw] OR "case series"[tw] OR ("animals"[MH:noexp] NOT "humans"[MH]) OR rat[tiab] OR rats[tiab] OR dog[tiab] OR dogs[tiab] OR porcine[tiab] OR (1904 : 1999[PDAT]) OR infant[mh] OR (child[mh] NOT adult[mh]) OR children[title] OR child[title] OR infant[title] OR infants[title] OR pediatric [tiab]))	623
Embase II Q3	(paraesophageal:ab,ti OR 'hiatus hernia'/exp OR 'hiatus hernia' OR 'hiatal hernia':ab,ti) AND ('stomach fundoplication'/exp OR 'stomach fundoplication' OR fundoplication:ab,ti OR surgery:ab,ti OR surgical:ab,ti) AND [english]/lim NOT ([animals]/lim OR [conference abstract]/lim OR [child]/lim OR [embryo]/lim OR [fetus]/lim OR [infant]/lim OR [newborn]/lim OR [preschool]/lim OR [school]/lim OR [1889-1999]/py)	1070
Cochrane II Q3	(hiatal hernia) AND (fundoplication OR Nissen OR Toupet OR wrap OR "anti-reflux") / Date: 2000-2021	87
CINAHL II Q3	((((MH "Hernia, Diaphragmatic+") AND "Hiatal") OR "hiatal hernia" OR paraesophageal) AND ((MH "Fundoplication") OR "fundoplication" OR "wrap" OR "Nissen" OR "toupet" OR "Anti-Reflux") /Date:2000-2021; NOT case study	252
Clinical Trials II Q3	Fundoplication OR Nissen OR Toupet OR wrap OR "anti-reflux" Hiatal Hernia OR Paraesophageal	29
	7/13/22	
PubMed II Q3	Above and: AND ("2021/06/01"[CRDT] : "2022/07/31"[CRDT])	36
Embase II Q3	Above and: AND [2021-2023]/py	144
Cochrane II Q3	Above and: Added Jun 2021 to Dec 2022	6
CINAHL II Q3	Above and: 2021-2022	25
Clinical Trials II Q3	Fundoplication OR Nissen OR Toupet OR wrap OR "anti-reflux" Hiatal Hernia OR Paraesophageal 2021-2022	7
KQ3 / HH II Q3 SEARCH RESULTS	Total records identified by database searches	2279
	Additional records located by handsearching	46
	Total trials identified in searches	70
	Total duplicates found	1007
	Total items to be screened	1248