Supplement 1

Embase
('chronic pain'/exp OR (((chronic* OR constant* OR continu* OR persist* OR longterm OR long-term OR longlasting OR long-lasting OR phantom) NEAR/6 (pain* OR discomfort* OR complaint*)):ti,ab,kw)) AND ('postoperative pain'/exp OR (((postoperative OR posttreatment OR postsurg*) NEAR/6 (pain* OR analgesi*)):ti,ab,kw) OR ((post OR after OR follow*) NEAR/3 (surg* OR operat* OR treat* OR resect* OR transplant*) NEAR/6 (pain* OR analgesi*)):ti,ab,kw) OR ((post* NEAR/1 pain*)):ti,ab,kw) AND pain-relief-after OR ((post-extraction OR postextraction OR amputat* OR mediastinoscopy OR sternotomy OR thoracoplasty OR thoracotomy OR thoracocentesis OR thymectomy OR tracheotomy OR tracheoscopy OR bronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR postmediastinoscop* OR poststernnotom* OR postthoracoplast* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheo* OR postbronchoscopy OR postpneumonolysis OR postpneumonectomy OR postesophagectomy OR postpharyngectomy OR postpharyngectomy OR phantom NEAR/6 (pain* OR discomfort* OR complaint*)):ti,ab,kw)) AND (the thorax surgery'/exp NOT 'heart surgery'/exp) OR 'lung tumor'/exp OR ((thora* OR lung OR pulmonary OR esophag* OR oesophag* OR trachea* OR rib OR thym* OR chest OR pleura*) NEAR/6 (surg* OR operat* OR resect*)):ti,ab,kw) AND mediastinoscope OR sternotomy OR thoracoplast* OR thoracotom* OR thoracocentesis OR thoracotomy OR tracheoscopy OR thoracoscopy OR postmediastinoscop* OR poststernnotom* OR postthoracoplast* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheo* OR postbronchoscopy OR postpneumonolysis OR postpneumonectomy OR postesophagectomy OR postpharyngectomy OR postpharyngectomy OR postmediastinoscope OR sternotomy OR thoracoplast* OR thoracotom* OR thoracocentesis OR thymectomy OR tracheotomy OR tracheoscopy OR bronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR postmediastinoscop* OR poststernnotom* OR postthoracoplast* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheo* OR postbronchoscopy OR postpneumonolysis OR postpneumonectomy OR postesophagectomy OR postpharyngectomy OR postpharyngectomy OR phantom NEAR/6 (pain* OR discomfort* OR complaint*)):ti,ab,kw) NOT [conference abstract]/lim NOT ([animals]/lim NOT [humans]/lim)

Medline
(Chronic Pain/ OR (((chronic* OR constant* OR continu* OR persist* OR longterm OR long-term OR longlasting OR long-lasting OR phantom) ADJ6 (pain* OR discomfort* OR complaint*)):ti,ab,kw)) AND (Pain, Postoperative/ OR (((postoperative OR posttreatment OR postsurg*) ADJ6 (pain* OR analgesi*)):ti,ab,kw) OR ((post OR after OR follow*) ADJ3 (surg* OR operat* OR treat* OR resect* OR transplant*) ADJ6 (pain* OR analgesi*)):ti,ab,kw) OR ((post* ADJ1 pain*)):ti,ab,kw) AND pain-relief-after OR ((post-extraction OR postextraction OR amputat* OR mediastinoscopy OR sternotomy OR thoracoplasty OR thoracoscopy OR thoracotomy OR thymectomy OR tracheotomy OR thoracotomy OR porcine OR animal OR mammal OR canine OR feline OR non-human OR non-human):ti,ab,kw) OR (Thoracic Surgery/ OR (exp Thoracic Surgical Procedures/ NOT exp Cardiac Surgical Procedures/ ) OR (Thoracic Surgery/ OR (exp Thoracic Surgical Procedures/ NOT exp Cardiac Surgical Procedures/ ) OR...
Lung Neoplasms/su OR (((thora* OR lung OR pulmonary OR esophag* OR oesophag* OR trachea* OR rib OR thym* OR chest OR pleura*) ADJ6 (surg* OR operat* OR resect*)) OR mediastinoscop* OR sternotom* OR thoracoplast* OR thoracoscop* OR thoracostom* OR thoracotom* OR thoracocentesis OR thymectom* OR tracheostom* OR tracheotom* OR bronchoscop* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR bronchoscop* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR (((lung OR pulmonary OR thym*) ADJ6 (transplant* OR graft*))) OR ((esophag* OR oesophag*) ADJ6 (anastom* OR transect* OR dilat* OR reconstruct*))).ti,ab,kf) NOT (exp animals/ NOT humans/)

Web of Science
TS=(((((chronic* OR constant* OR continu* OR persist* OR longterm OR long-term OR longstanding OR long-standing OR long-lasting OR long-lasting OR phantom) NEAR/5 (pain* OR discomfort* OR complaint*))) AND ((((postoperative OR posttreatment OR postsurg*) NEAR/5 (pain* OR analgesi*))) OR ((post OR after OR follow*) NEAR/2 (surg* OR operat* OR treat* OR resect* OR transplant*) NEAR/5 (pain* OR analgesi*))) OR ((post* NEAR/1 pain*))) OR pain-relief-after OR ((post-extraction OR postextraction OR amputat* OR mediastinoscopy OR sternotomy OR thoracoplasty OR thoracoscopy OR thoracostomy OR thoracotomy OR thoracocentesis OR thymectomy OR tracheostomy OR tracheotomy OR bronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR 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postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy OR postmediastinoscopy OR poststernotomy OR postthoracoplasty OR postthoracotomy OR postthoracocentesis OR postthymectomy OR posttracheostomy OR posttracheotomy OR postbronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR lobectomy
OR tracheostomy OR tracheotomy OR bronchoscopy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR postbronchoscop* OR postpneumonolysis OR postpneumonectom* OR postesophagectom* OR postoesophagectom* OR postlobectom*) NEAR/6 (pain* OR discomfort OR analgesi*)):ti,ab) AND (((thora* OR lung OR pulmonary OR esophag* OR oesophag* OR trachea* OR rib OR thym* OR chest OR pleura*) NEAR/6 (surg* OR operat* OR resect*)):ti,ab) OR mediastinoscop* OR sternotom* OR thoracoplast* OR thoracoscop* OR thoracostom* OR thoracotom* OR thoracocentesis OR thymectom* OR tracheostom* OR tracheotom* OR bronchoscop* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR postbronchoscop* OR postpneumonolysis OR postpneumonectom* OR postesophagectom* OR postoesophagectom* OR postlobectom*) NEAR/6 (anastom* OR transect* OR dilat* OR reconstruct*)):ti,ab)

CINAHL
(MH Chronic Pain OR TI(((chronic* OR constant* OR persist* OR longterm OR long-term OR long-standing OR long-lasting OR long-lasting OR phantom) N5 (pain* OR discomfort* OR complaint*)):ti,ab)) AND AB(((chronic* OR constant* OR persist* OR longterm OR long-term OR long-standing OR long-lasting OR long-lasting OR phantom) N5 (pain* OR discomfort* OR complaint*)):ti,ab)) AND (MH Postoperative Pain OR TI(((postoperative OR posttreatment OR postsurg*) N5 (pain* OR discomfort* OR analgesi*)):ti,ab)) OR (((post OR after OR follow*) N2 (surg* OR operat* OR treat* OR resect* OR transplant*) N5 (pain* OR analgesi*)):ti,ab)) OR (((post* N1 pain*)):ti,ab) OR pain-relief-after OR ((post-extraction OR postextraction OR amputat* OR mediastinoscopy OR sternotomy OR thoracoplasty OR thoracotomy OR thoracoplasties OR thymectomy OR thoracotomy OR tracheotomy OR bronchotomy OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR postbronchoscop* OR postpneumonolysis OR postpneumonectom* OR postesophagectom* OR postoesophagectom* OR postlobectom*) N5 (pain* OR discomfort OR analgesi*)):ti,ab) AND ((MH "Thoracic Surgery+" NOT MH "Heart Surgery+") OR TI(((thora* OR lung OR pulmonary OR esophag* OR oesophag* OR trachea* OR rib OR thym* OR chest OR pleura*) NEAR/6 (surg* OR operat* OR resect*)):ti,ab)
OR pleura*) N5 (surg* OR operat* OR resect*)) OR mediastinoscop* OR sternotom* OR thoracoplast*
OR thoracoscop* OR thoracostom* OR thoracotom* OR thoracocentesis OR thymectom* OR tracheostom*
OR tracheotom* OR bronchoscop* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom*
OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR pneumonolysis OR pneumonectom* OR postesophagectom* OR postoesophagectom* OR postlobectom* OR ((lung OR pulmonary OR thym*) N5 (transplant* OR graft*)) OR ((esophag* OR oesophag*) N5 (anastom* OR transect* OR dilat* OR reconstruct*))) OR AB(((thora*
OR lung OR pulmonary OR esophag* OR oesophag* OR trachea* OR rib OR thym* OR chest OR pleura*) N5 (surg* OR operat* OR resect*)) OR mediastinoscop* OR sternotom* OR thoracoplast* OR thoracostop* OR thoracostom* OR thoracotom* OR thoracocentesis OR thymectom* OR tracheotom* OR bronchoscop* OR pneumonolysis OR pneumonectom* OR esophagectom* OR oesophagectom* OR lobectom* OR postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR postbronchoscop* OR postpneumonolysis OR postpneumonectom* OR postesophagectom* OR postoesophagectom* OR postlobectom* OR ((lung OR pulmonary OR thym*) N5 (transplant* OR graft*)) OR ((esophag* OR oesophag*) N5 (anastom* OR transect* OR dilat* OR reconstruct*))) NOT (MH animals+ NOT MH humans)

Scopus
TITLE-ABS-KEY(((chronic* OR constant* OR continu* OR persist* OR longterm OR long-term OR
longstanding OR long-standing OR longlasting OR long-lasting OR phantom) W/5 (pain* OR discomfort*
OR complaint*))))) AND (((postoperative OR posttreatment OR postsurg*) W/5 (pain* OR analgesi*)) OR
((post OR after OR follow*) W/2 (surg* OR operat* OR treat* OR resect* OR transplant*) W/5 (pain* OR
analgesi*)) OR ((post* W/1 pain*)) OR pain-relief-after OR ((post-extraction OR postextraction OR
amputat* OR mediastinoscopy OR sternotomy OR thoracoplasty OR thoracoscopy OR thoracostomy OR
thoracotomy OR thoracoplasty OR thymectomy OR thymectomy OR tracheostomy OR tracheotomy OR bronchoscopy
OR pneumonolysis OR pneumonectomy OR esophagectomy OR oesophagectomy OR
postmediastinoscop* OR poststernotom* OR postthoracoplast* OR postthoracoscop* OR postthoracostom* OR
postthoracotom* OR postthoracocentesis OR postthymectom* OR posttracheostom* OR posttracheotom* OR
postbronchoscop* OR postpneumonolysis OR postpneumonectom* OR postesophagectom* OR postoesophagectom* OR
postlobectom* OR ((lung OR pulmonary OR thym*) N5 (transplant* OR graft*)) OR ((esophag* OR
oesophag*) N5 (anastom* OR transect* OR dilat* OR reconstruct*)))))
Google scholar
"chronic|constant|persisting|longterm|longstanding|longlasting|phantom pain"
"postoperative|postsurgical pain" "thorax|thoracic surgery|operation"