Multimedia appendix 1: List of 76 references selected in the review

First Author	Publication Year	Title	Journal
Burkhart, Lisa	2005	Mapping parish nurse documentation into the nursing interventions classification: A research method	CIN - Computers Informatics Nursing
Elkin, Peter L.	2005	A controlled trial of automated classification of negation from clinical notes	BMC Medical Informatics and Decision Making
Rindflesch, Thomas C	2005	Medical Facts to Support Inferencing in Natural Language Processing	AMIA Annual Symposium proceedings
Long, William	2005	Extracting diagnoses from discharge summaries.	AMIA Annual Symposium proceedings
Pakhomov, Serguei V	2005	High throughput modularized NLP system for clinical text	Proceedings of the ACL 2005 on Interactive poster and demonstration sessions - ACL '05
Shah, Nigam H	2006	Ontology-based annotation and query of tissue microarray data.	AMIA Annual Symposium proceedings
Elkin, Peter L.	2006	Evaluation of the content coverage of SNOMED CT: Ability of SNOMED clinical terms to represent clinical problem lists	Mayo Clinic Proceedings
Melton, Genevieve B.	2006	Inter-patient distance metrics using SNOMED CT defining relationships	Journal of Biomedical Informatics
Brown, Steven H	2006	eQuality: Electronic quality assessment from narrative clinical reports	Mayo Clinic Proceedings
Meystre, Stéphane	2006	Natural language processing to extract medical problems from electronic clinical documents: Performance evaluation	Journal of Biomedical Informatics
Patrick, Jon D.	2007	An automated system for conversion of clinical notes into SNOMED clinical terminology	Conferences in Research and Practice in Information Technology Series
Ogren, Philip V.	2007	Constructing evaluation corpora for automated clinical named entity recognition	Medinfo 2007: Proceedings of the 12th World Congress on Health (Medical) Informatics; Building Sustainable Health Systems
Brown, Steven H	2008	eQuality for all: Extending automated quality measurement of free text clinical narratives.	AMIA Annual Symposium proceedings
Johnson, Stephen B.	2008	An Electronic Health Record Based on Structured Narrative	Journal of the American Medical Informatics Association
Patrick, Jon D.	2008	Developing SNOMED CT subsets from clinical notes for intensive care service	Health Care and Informatics Review Online
Elkin, Peter L.	2008	NLP-based identification of pneumonia cases from free-text radiological reports.	AMIA Annual Symposium proceedings
Ryan, Angela	2008	Introduction of Enhancement Technologies into the Intensive Care	Health Information Management Journal
Ruch, Patrick	2008	Automatic medical encoding with SNOMED categories.	BMC Medical Informatics and Decision Making
Li, Dingcheng	2008	Conditional Random Fields and Support Vector Machines for Disorder Named Entity Recognition in Clinical Texts	Proceedings of the workshop on current trends in biomedical

			natural language processing
Kipper-Schuler, Karin C.	2008	System evaluation on a named entity corpus from clinical notes	Language resources and evaluation conference, LREC
Savova, Guergana K	2008	UIMA-based Clinical Information Extraction System	Towards enhanced interoperability for large HLT systems: UIMA for NLP
Shah, Nigam H	2009	Ontology-driven indexing of public datasets for translational bioinformatics	BMC Bioinformatics
Aseervatham, Sujeevan	2009	Semi-structured document categorization with a semantic kernel	Pattern Recognition
Matheny, Michael E.	2009	Detection of blood culture bacterial contamination using natural language processing.	AMIA Annual Symposium proceedings
Wang, Yefeng	2009	Annotating and recognising named entities in clinical notes	Proceedings of the ACL-IJCNLP 2009 Student Research Workshop
Wang, Yefeng	2009	Cascading Classifiers for Named Entity Recognition in Clinical Notes	Proceedings of the Workshop on Biomedical Information Extraction
Nguyen, Anthony N	2009	A simple pipeline application for identifying and negating SNOMED clinical terminology in free text	HIC 2009: Proceedings
Nguyen, Anthony N.	2010	Symbolic rule-based classification of lung cancer stages from free-text pathology reports	Journal of the American Medical Informatics Association
Arnot-Smith, J.	2010	Patient safety incidents involving neuromuscular blockade: Analysis of the UK National Reporting and Learning System data from 2006 to 2008	Anaesthesia
Savova, Guergana K.	2010	Mayo clinical Text Analysis and Knowledge Extraction System (cTAKES): Architecture, component evaluation and applications	Journal of the American Medical Informatics Association
Přečková, Petra	2010	Language of Czech Medical Reports and Classification Systems in Medicine	European Journal for Biomedical Informatics
Lee, Dennis H.	2010	A method for encoding clinical datasets with SNOMED CT	BMC Medical Informatics and Decision Making
Patrick, Jon D.	2010	High accuracy information extraction of medication information from clinical notes: 2009 i2b2 medication extraction challenge	Journal of the American Medical Informatics Association
Wagholikar, Amol S	2011	Identifying symptom groups from Emergency Department presenting complaint free text using SNOMED CT.	AMIA Annual Symposium proceedings
Nguyen, Anthony N.	2011	Automatic extraction of cancer characteristics from free-text pathology reports for cancer notifications	Studies in Health Technology and Informatics
Fung, Kin Wah	2011	Testing Three Problem List Terminologies in a simulated data entry environment.	AMIA Annual Symposium proceedings
So, Eun Young	2011	Mapping medical records of gastrectomy patients to SNOMED CT	Studies in Health Technology and Informatics
Martinez, David	2011	Information extraction from pathology reports in a hospital setting	Proceedings of the 20th ACM international conference on Information and knowledge management - CIKM '11

Murff, Harvey J.	2011	Automated identification of postoperative complications within an electronic medical record using natural language processing	Journal of the American Medical Informatics Association
Zhou, Li	2011	Using Medical Text Extraction, Reasoning and Mapping System (MTERMS) to process medication information in outpatient clinical notes.	AMIA Annual Symposium proceedings
Warden, Graham I	2011	Leveraging terminologies for retrieval of radiology reports with critical imaging findings.	AMIA Annual Symposium proceedings
Patrick, Jon D.	2011	A knowledge discovery and reuse pipeline for information extraction in clinical notes	Journal of the American Medical Informatics Association
Matheny, Michael E.	2012	Detection of infectious symptoms from VA emergency department and primary care clinical documentation	International Journal of Medical Informatics
Liu, Hongfang	2012	Using SNOMED-CT to encode summary level data - a corpus analysis.	AMIA Joint Summits on Translational Science proceedings
Přečková, Petra	2012	Measuring diversity in medical reports based on categorized attributes and international classification systems.	BMC medical informatics and decision making
Nguyen, Anthony N.	2012	Classification of pathology reports for Cancer Registry notifications	Studies in Health Technology and Informatics
Nguyen, Anthony N.	2012	Structured pathology reporting for cancer from free text: Lung cancer case study	Electronic Journal of Health Informatics
Pivovarov, Rimma	2012	A hybrid knowledge-based and data-driven approach to identifying semantically similar concepts	Journal of Biomedical Informatics
Davis, Kailah	2012	Identification of pneumonia and influenza deaths using the death certificate pipeline	BMC Medical Informatics and Decision Making
ul Muntaha, Sidrat	2012	Entity recognition of pharmaceutical drugs in Swedish clinical text	Proceedings of SLTC 2012 The Fourth Swedish Language Technology Conference
Skeppstedt, Maria	2012	Rule-based Entity Recognition and Coverage of SNOMED CT in Swedish Clinical Text.	Proceedings of the eight international conference on language resources and evaluation (LREC'12)
Zuccon, Guido	2013	Automatic Classification of Free-Text Radiology Reports to Identify Limb Fractures using Machine Learning and the SNOMED CT Ontology.	AMIA Joint Summits on Translational Science proceedings
Butt, Luke	2013	Classification of cancer-related death certificates using machine learning	Australasian Medical Journal
Jindal, Prateek	2013	Extraction of events and temporal expressions from clinical narratives	Journal of Biomedical Informatics
So, Eun Young	2013	Exploring the possibility of information sharing between the medical and nursing domains by mapping medical records to SNOMED CT and ICNP	Healthcare Informatics Research
Mabotuwana, Thusitha	2013	An ontology-based similarity measure for biomedical data - Application to radiology reports	Journal of Biomedical Informatics
Hong, Yi	2013	Content analysis of reporting templates and free-text radiology reports	Journal of Digital Imaging

Henriksson, Aron	2013	Identifying synonymy between SNOMED clinical terms of varying length using distributional analysis of electronic health records	AMIA Annual Symposium proceedings
Gobbel, Glenn T.	2014	Development and evaluation of RapTAT: A machine learning system for concept mapping of phrases from medical narratives	Journal of Biomedical Informatics
Zhou, Li	2014	Representation of Information about Family Relatives as Structured Data in Electronic Health Records	Applied Clinical Informatics
Goss, Foster R.	2014	An evaluation of a natural language processing tool for identifying and encoding allergy information in emergency department clinical notes.	AMIA Annual Symposium proceedings
Ou, Ying	2014	Automatic structured reporting from narrative cancer pathology reports	Electronic Journal of Health Informatics
Skeppstedt, Maria	2014	Automatic recognition of disorders, findings, pharmaceuticals and body structures from clinical text: An annotation and machine learning study	Journal of Biomedical Informatics
Koopman, Bevan	2015	Automatic ICD-10 classification of cancers from free-text death certificates	International Journal of Medical Informatics
Koopman, Bevan	2015	Automatic classification of diseases from free-text death certificates for real-time surveillance	BMC medical informatics and decision making
Nguyen, Anthony N.	2015	Assessing the Utility of Automatic Cancer Registry Notifications Data Extraction from Free-Text Pathology Reports.	AMIA Annual Symposium proceedings
Plasek, Joseph M.	2016	Food entries in a large allergy data repository	Journal of the American Medical Informatics Association
Nguyen, Anthony N.	2016	Automated cancer registry notifications: validation of a medical text analytics system for identifying patients with cancer from a state-wide pathology repository	AMIA Annual Symposium proceedings
Lin, Chin	2017	Artificial Intelligence Learning Semantics via External Resources for Classifying Diagnosis Codes in Discharge Notes	Journal of Medical Internet Research
Zhang, Rui	2017	Enriching the international clinical nomenclature with Chinese daily used synonyms and concept recognition in physician notes	Bmc Medical Informatics and Decision Making
Zvara, Karel	2017	Tool-supported Interactive Correction and Semantic Annotation of Narrative Clinical Reports	Methods of Information in Medicine
Nguyen, Anthony N.	2018	Computer-Assisted Diagnostic Coding: Effectiveness of an NLP-based approach using SNOMED CT to ICD-10 mappings	AMIA Annual Symposium proceedings
Koopman, Bevan	2018	Extracting cancer mortality statistics from death certificates: A hybrid machine learning and rule-based approach for common and rare cancers	Artificial Intelligence in Medicine
Mujtaba, Ghulam	2018	Classification of forensic autopsy reports through conceptual graph-based document representation model	Journal of Biomedical Informatics
Jackson, Richard	2018	Knowledge discovery for Deep Phenotyping serious mental illness from Electronic Mental Health records	F1000Research

| Tahmasebi, Amir M. | 2019 | Automatic Normalization of Anatomical Phrases in Radiology Reports Using Unsupervised Learning | Journal of Digital Imaging |