**Search Strategies and Results**

PubMed:
("Artificial Intelligence" [tiab] OR "Machine Learning"[mesh] OR "Natural Language Processing"[tiab]) AND ("Venous Thromboembolism" [mesh] OR "Deep Vein Thrombosis" [tiab] OR "Venous Thrombosis" [mesh] OR "Pulmonary Embolism" [mesh] OR "Thrombosis" [mesh])

Results:75

Date: 4/16/21

After duplicates were removed from EndNote:46

Embase:

('artificial intelligence':ti,ab OR 'natural language processing':ti,ab OR 'machine learning'/exp) AND ('venous thromboembolism'/exp OR 'vein thrombosis'/exp OR 'lung embolism'/exp OR 'thrombosis'/exp OR 'deep vein thrombosis':ti,ab) AND [english]/lim AND ([embase]/lim OR [embase classic]/lim)

Date: 4/20/21

Results: 772

After duplicates were removed from EndNote:669

Medline:

1. (Artificial Intelligence or Natural Language Processing).ab. or Machine Learning.sh. (25499)
2. (Venous Thromboembolism or Venous Thrombosis or Thrombosis).sh. or Deep Vein Thrombosis.ab.(115033)
3. 1 and 2 (29)

Date: 4/16/21

Results: 29

After duplicates were removed from EndNote:29

Web of Science:

1. (TS=(Artificial Intelligence OR Machine Learning OR Natural Language Processing) ) AND LANGUAGE: (English)

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years (279094)

1. (TS=(Venous Thromboembolism OR Deep Vein Thrombosis OR Venous Thrombosis OR Pulmonary Embolism OR Thrombosis) ) AND LANGUAGE: (English)

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years (190593)

1. 1 AND 2 AND LANGUAGE: (English)

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years (179)

Date: 4/16/21

Results: 179

After duplicates were removed from EndNote:179