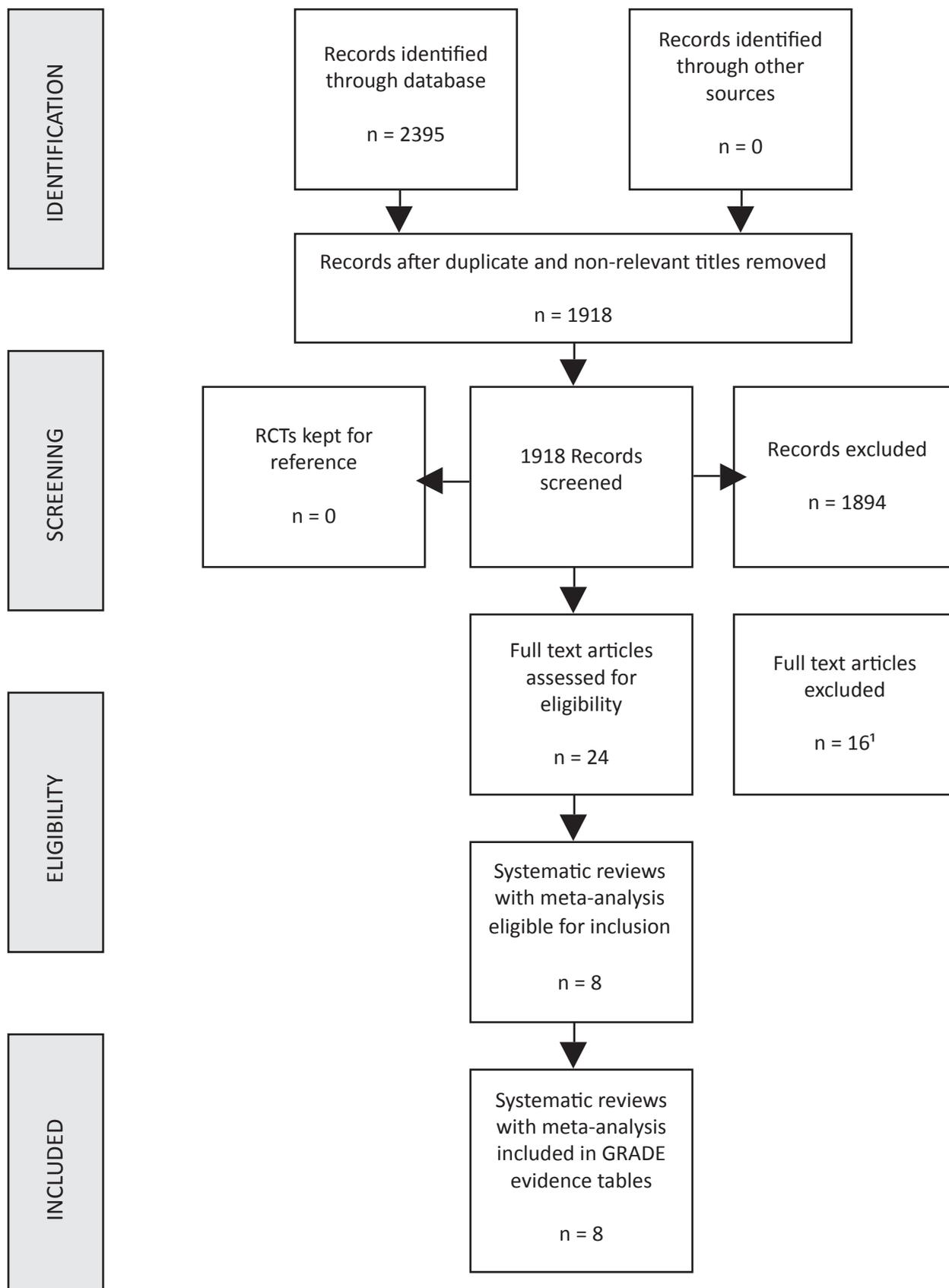


GUIDELINES ON THE MANAGEMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME

APPENDIX A PRISMA Diagrams

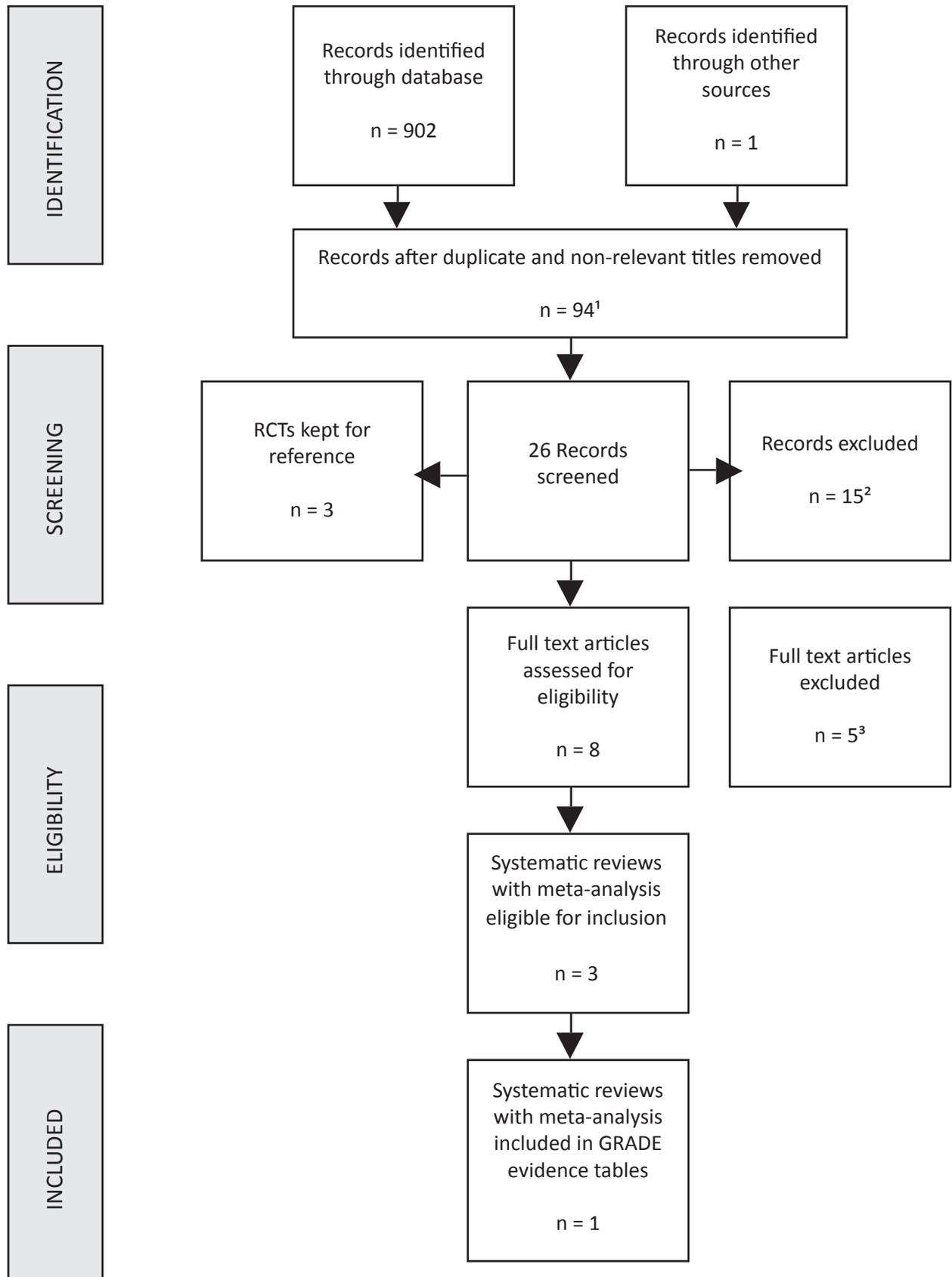
PRISMA Diagram: Corticosteroids



PRISMA Notes

(1) Same author repeat analysis, steroids not the main focus of SR and meta-analysis, failed SIGN criteria, abstract only, foreign language based (Chinese) publication

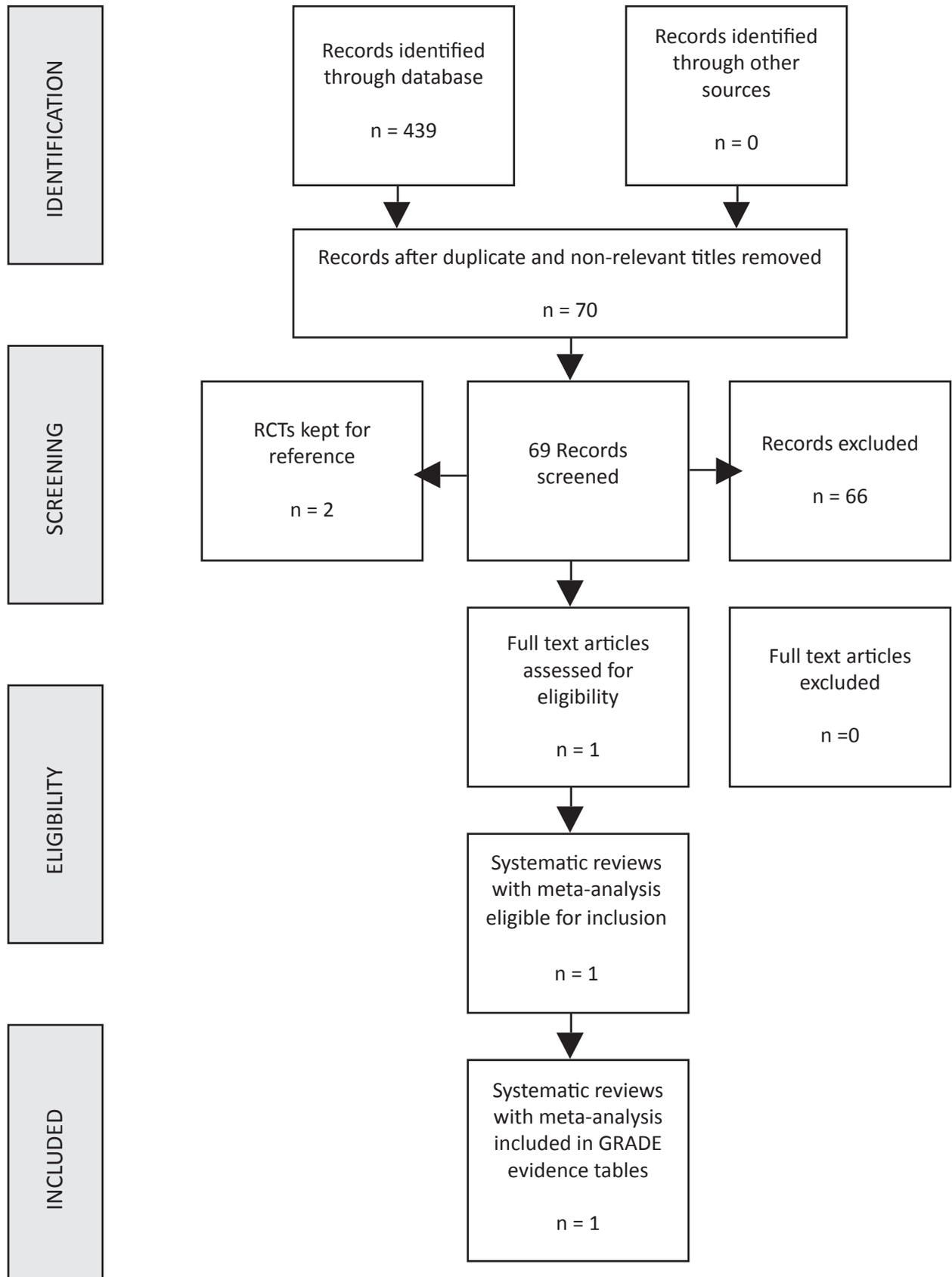
PRISMA Diagram: Extra-Corporeal Membrane Oxygenation



PRISMA Notes

- (1) 223 duplicates and 653 non-relevant titles removed
- (2) 15 records excluded - 3 as non-relevant, 1 referencing a study in progress; 3 referencing the same RCT already included; 1 referring to extracorporeal carbon dioxide removal; 5 non-SR/RCT; 1 abstract only; 1 paediatric study.
- (3) 5 systematic reviews excluded – 4 did not contain a meta-analysis, 1 did not have a comparator group

PRISMA Diagram: Extra-Corporeal Carbon Dioxide Removal

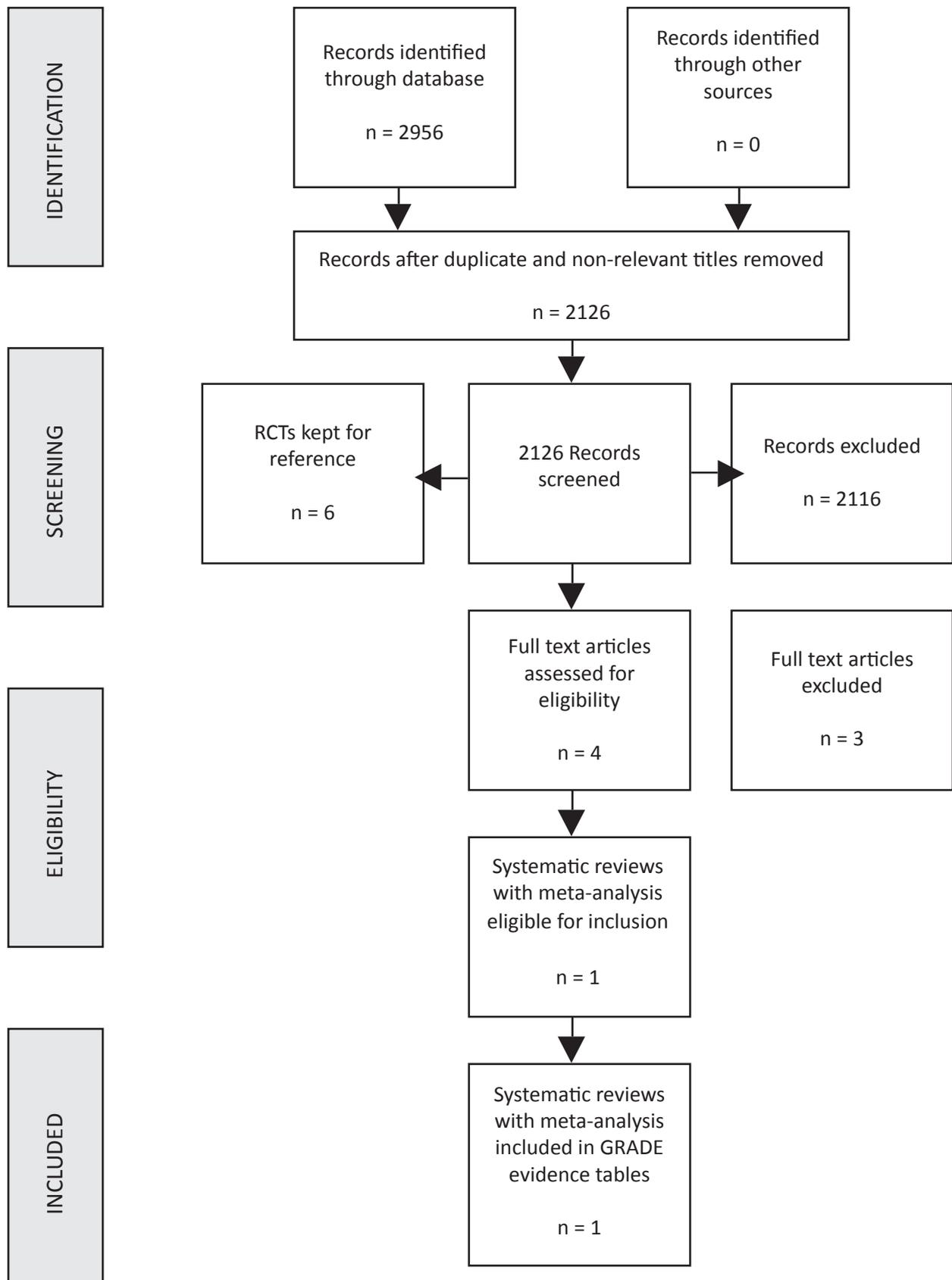


PRISMA Notes

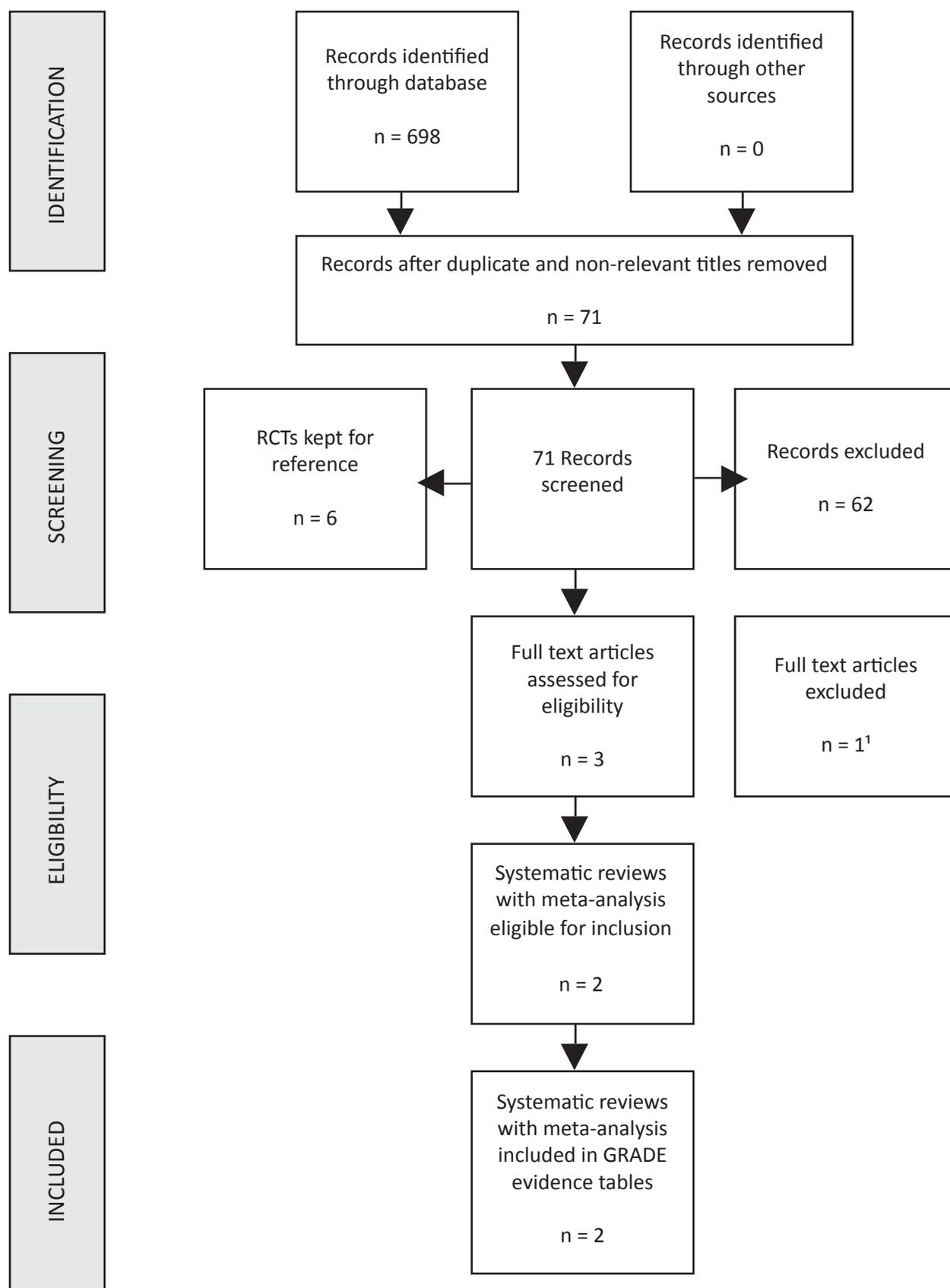
Inclusions

Fitzgerald, 2014 #3

PRISMA Diagram: Fluid Strategy



PRISMA Diagram: High Frequency Oscillatory Ventilation



PRISMA NOTES

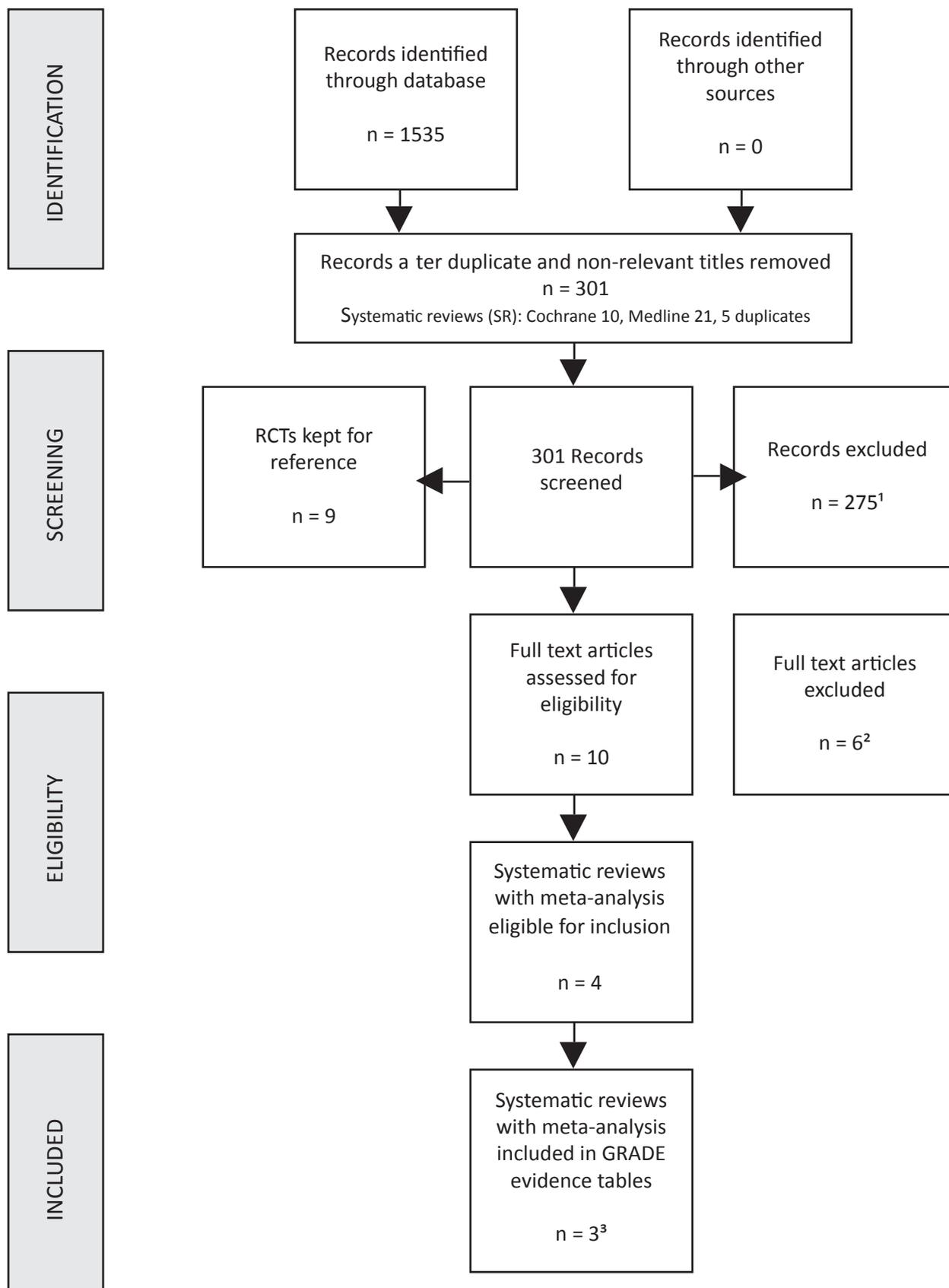
1 Tracheal gas insufflation combined with HFOV studies included in MA {Maitra, 2014 #385}

Inclusions

{Gu, 2014 #384}

{Huang, 2014 #382}

PRISMA Diagram: Inhaled Vasodilators



PRISMA Notes

1. Records excluded

One non SR, 6 paediatric focus, 9 otherwise off topic

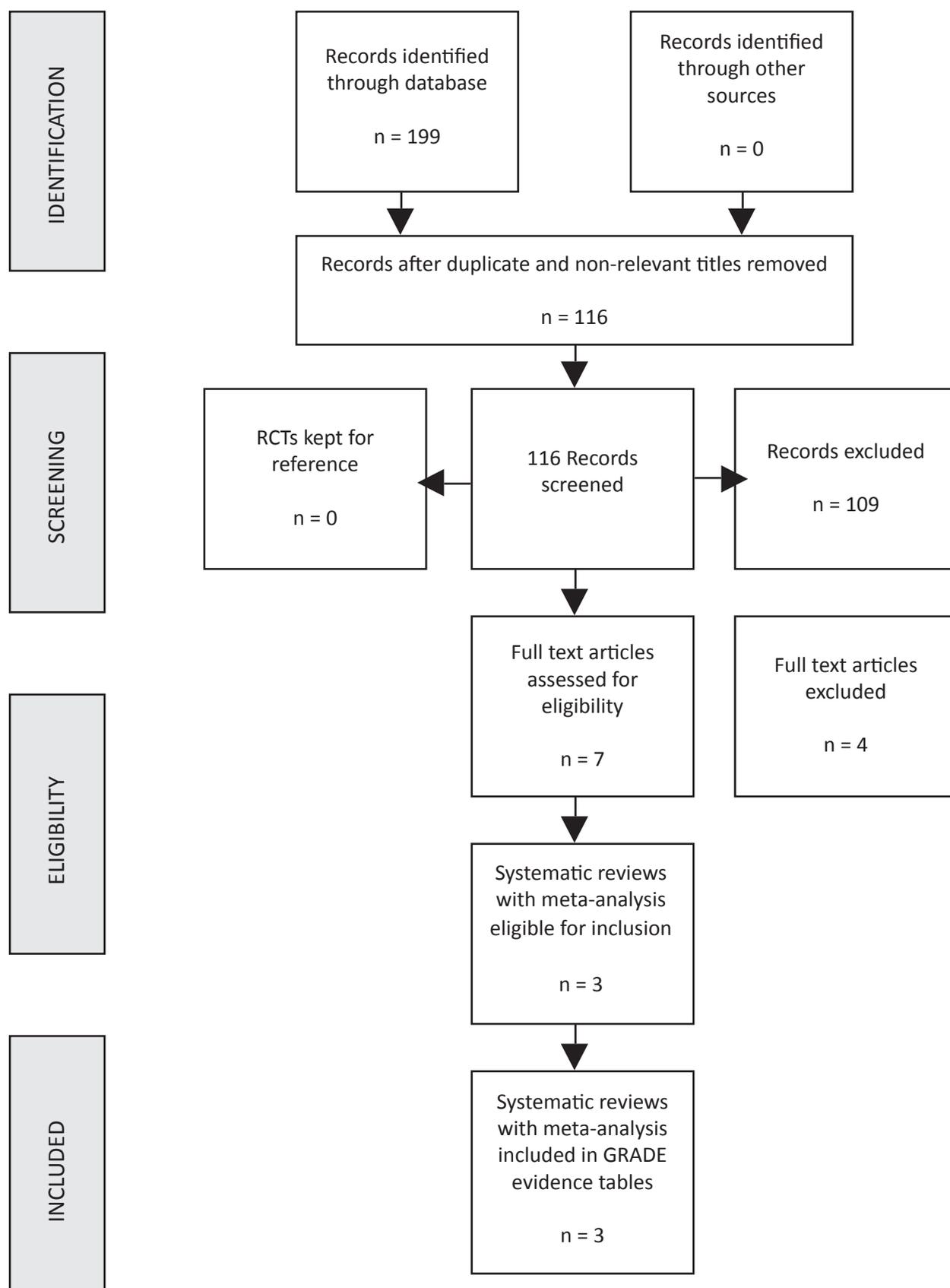
2. Systematic reviews excluded

Afshari 2010, 2011; Greene 1998; Sokol 2000, 2003, 2003 excluded from the final analysis because they were superseded by more recent SR with MA.{Afshari, 2010 #32;Afshari, 2011 #33;Greene, 1998 #34;Sokol, 2000 #35;Sokol, 2003 #36;Sokol, 2003 #37}

3. Systematic reviews excluded from GRADE Evidence Table

Afshari 2010.{Afshari, 2010 #19}

PRISMA Diagram: Mechanical Ventilation at Lower Tidal Volume



PRISMA NOTES

Exclusions:

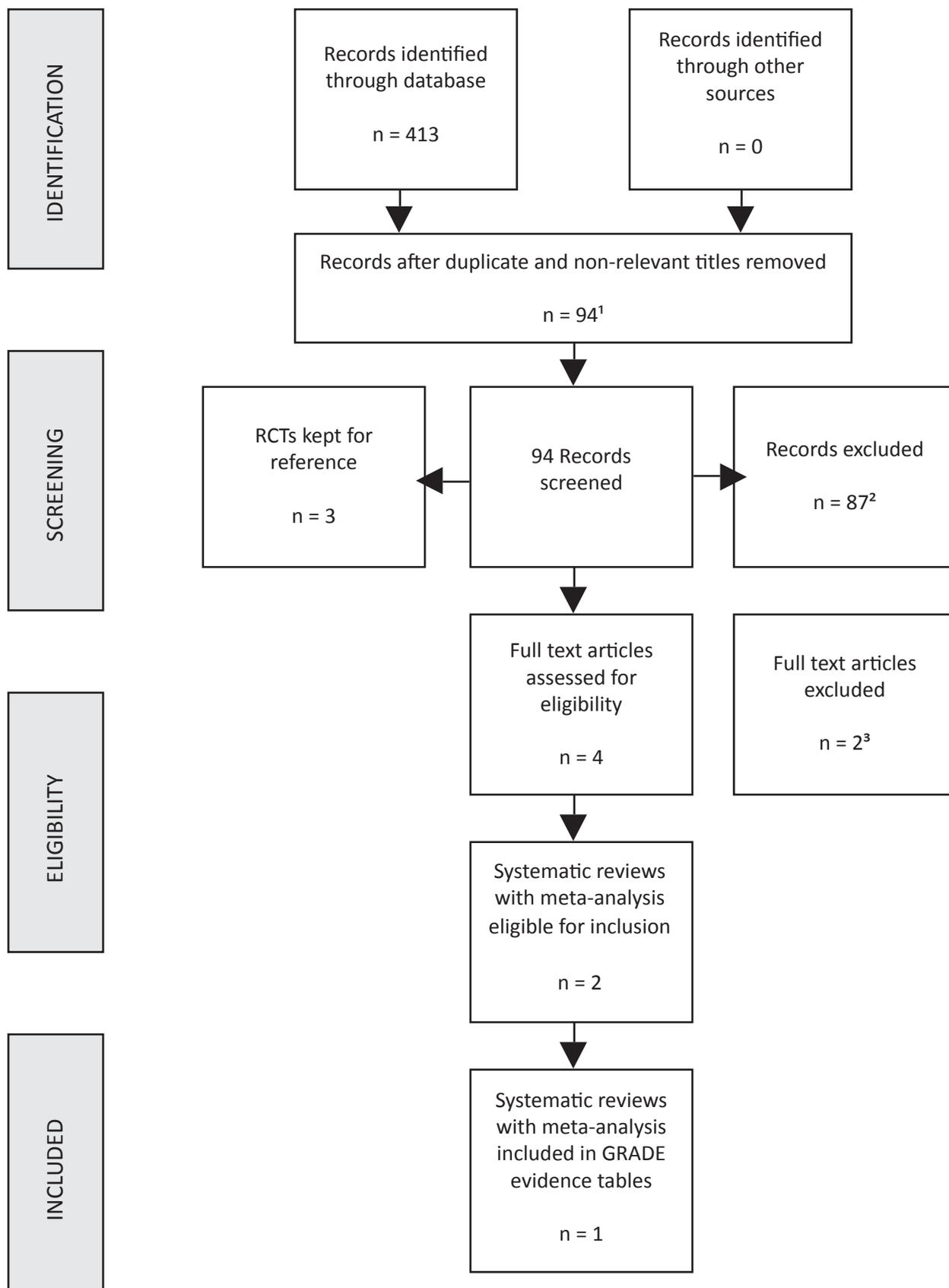
Eichacker 2002 – too old

Petrucci 2004 – too old

Qin 2003 – too old

Fuller 2013 – wrong population (not ARDS)

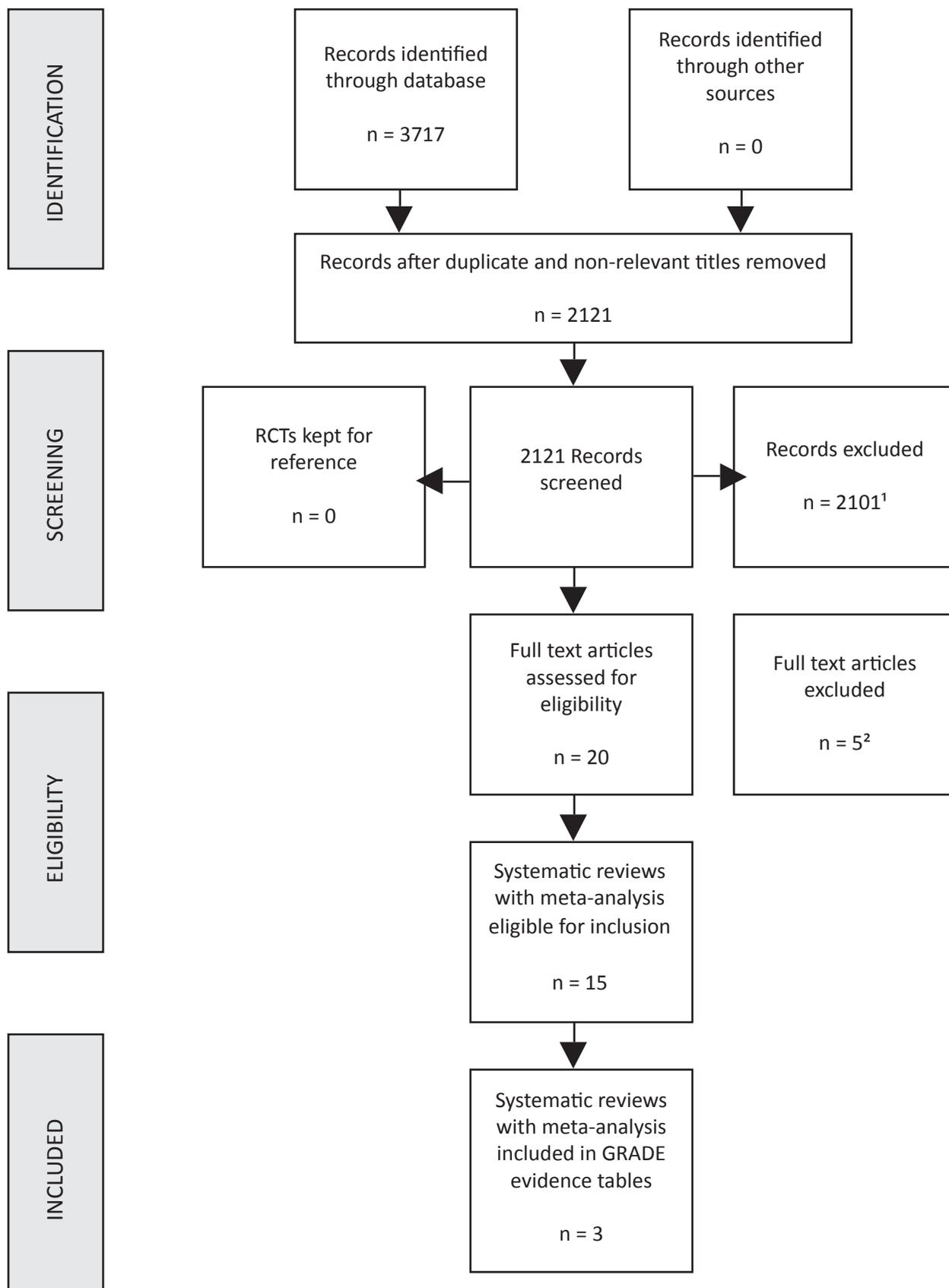
PRISMA Diagram: Neuromuscular Blocking Agents



PRISMA NOTES

- (1) 125 duplicates and 194 non-relevant titles removed
- (2) 87 records excluded; 26 non-relevant, 9 non-English language, 46 non-SR/RCT, 6 abstract only
- (3) 2 systematic reviews excluded as lacking meta-analysis

PRISMA Diagram: Positive End Expiratory Pressure



PRISMA NOTES

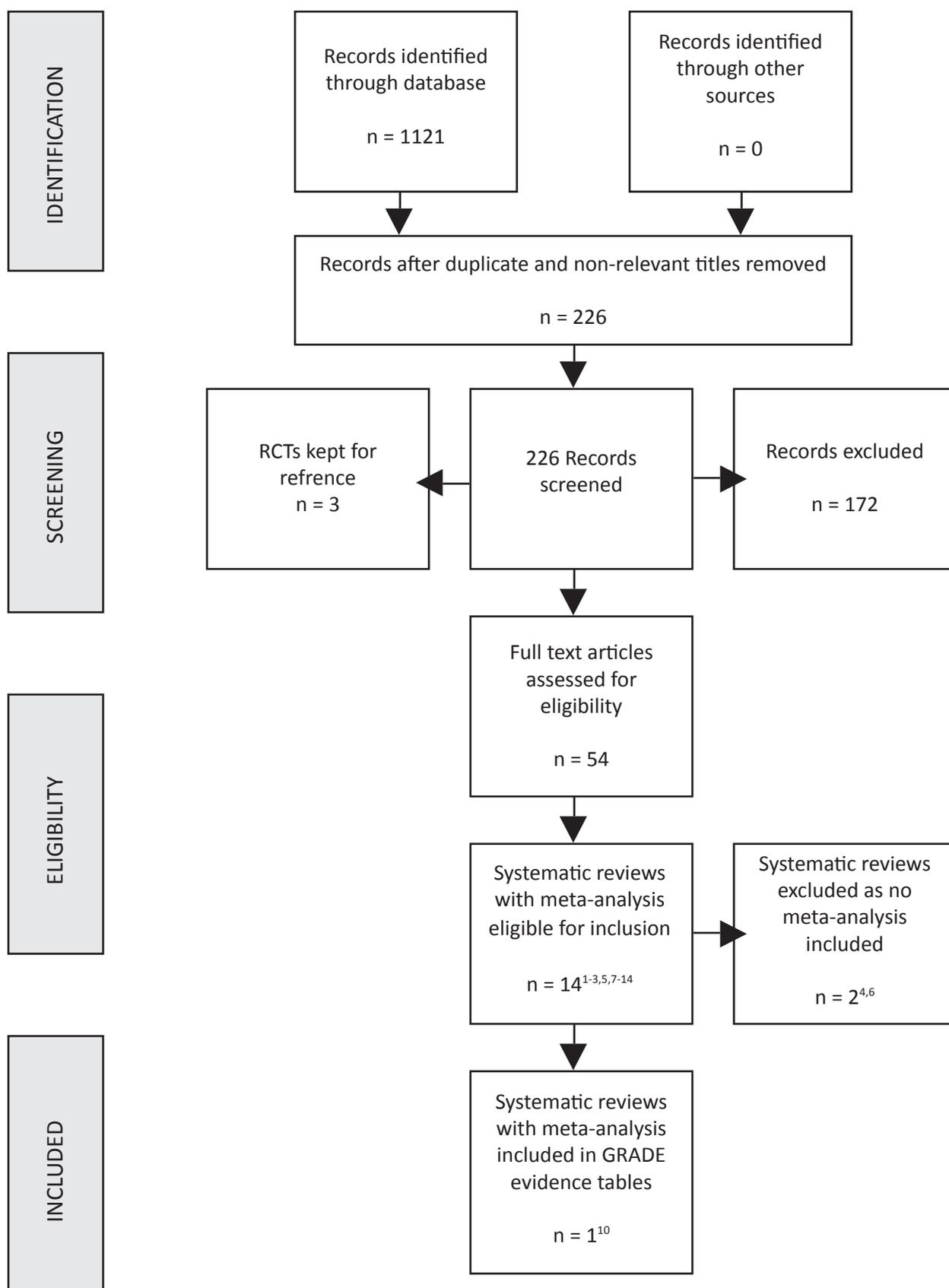
- (1) Abstract only: 40
Further duplicate records found: 8
Non-RCT or systematic review: 133
Non-adult population: 269
NonEnglish text: 51
Non-human study: 276
Non-relevant: 1,324
Total: 2,101

- (2) 1 Trial not limited to ARDS patients.
2 trials of Non SR or clinical trial.
1 Trial studied recruitment manoeuvre.
1 Umbrella review
Total: 6

*** Articles considered for data analysis

Total: 15

PRISMA Diagram: Prone Positioning



PRISMA Notes

Exclusions

RCT (clinical) n = 12

Narrative review n =9

Full text non-English n=4

Letter/commentary n=3

Journal Club review n = 3

Protocol n = 2

Observational cohort study n =2

RCT (laboratory) n = 1

Clinical practice guideline n =1

Randomised cross-over study n =1

Unable to obtain full-text n =1

Other reasons/not relevant n =1