

Embase (n=2,624), Web of Science (n=2,182), PubMed (n=1,358), and an unspecified source (n=33). After the removal of 2,046 duplicates using Covidence and manual review, 4,151 titles and abstracts were screened. Of these, 220 full-text articles were assessed for eligibility. Following the application of inclusion and exclusion criteria, 155 articles were excluded for reasons including wrong study design (n=38), pediatric population (n=31), wrong patient population (n=34), non-English language without available translation funding (n=8), and others. Ultimately, 65 studies met all criteria and were included in the final narrative review.

For the full-text screening stage, articles were divided into subgroups according to the patient population studied as follows: pregnancy (30 studies), obesity (five studies),

diabetes (13 studies), GERD (two studies), emergency care (eight studies), enteral tube feeding (four studies), and GLP-1RA (three studies). Papers were then reviewed in detail by two independent reviewers who were subject specialists and were excluded if they did not meet the inclusion criteria. A third reviewer resolved any conflicts between the two independent reviewers at each stage of the selection process. The article selection is presented in a flow chart per PRISMA guidelines (figure 3).

For papers not published in English that met the inclusion criteria during the title/abstract screening, the abstracts were reviewed for usable data. Due to restrictions in funding for translation services, these articles were excluded at the full-text screening phase.

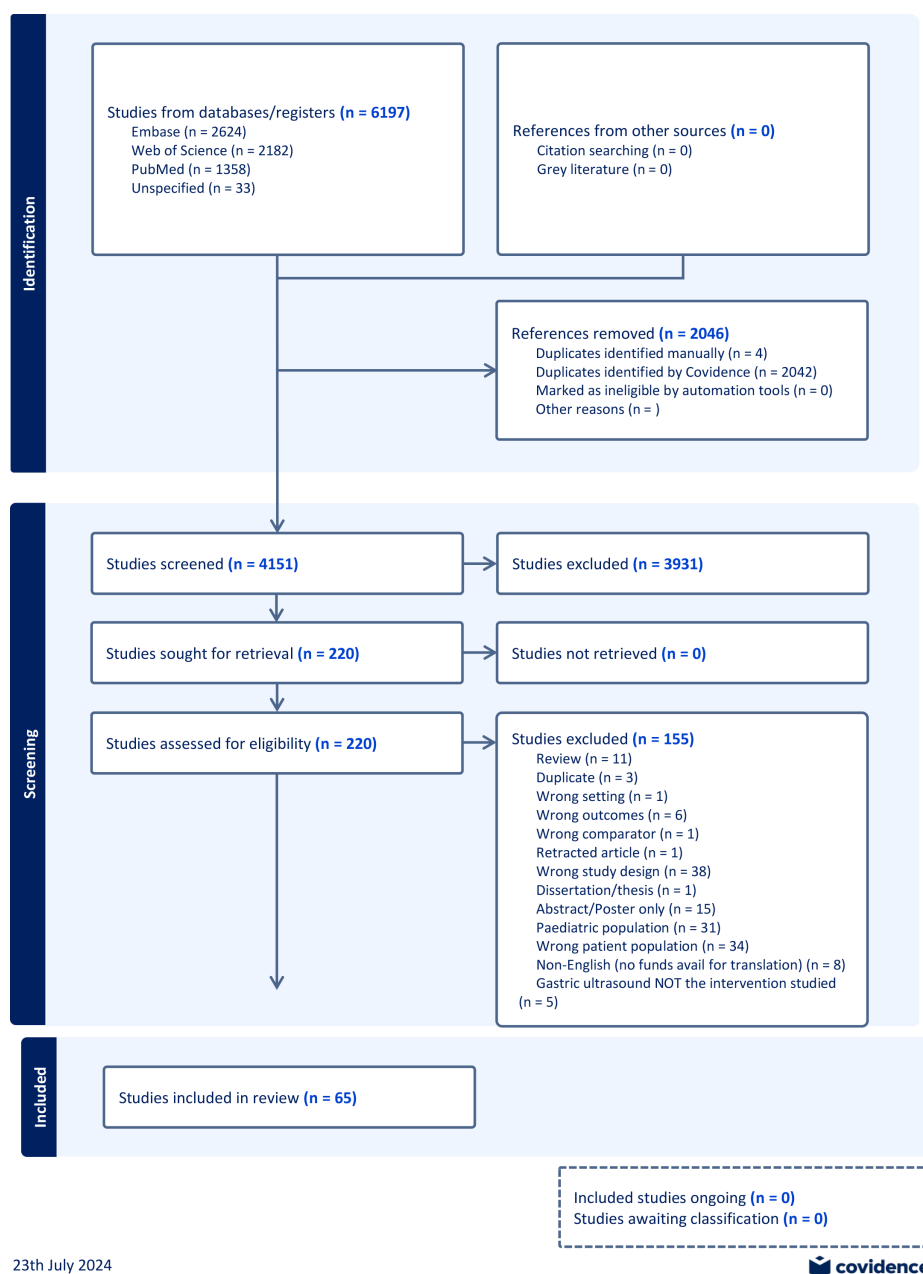


Figure 3 Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA)—gastric point-of-care ultrasound review. This figure illustrates the PRISMA flow diagram, detailing the identification, screening, and inclusion process of studies for this review. It outlines the number of records retrieved from databases, duplicates removed, studies excluded at various stages, and the final number of studies included in the narrative review.