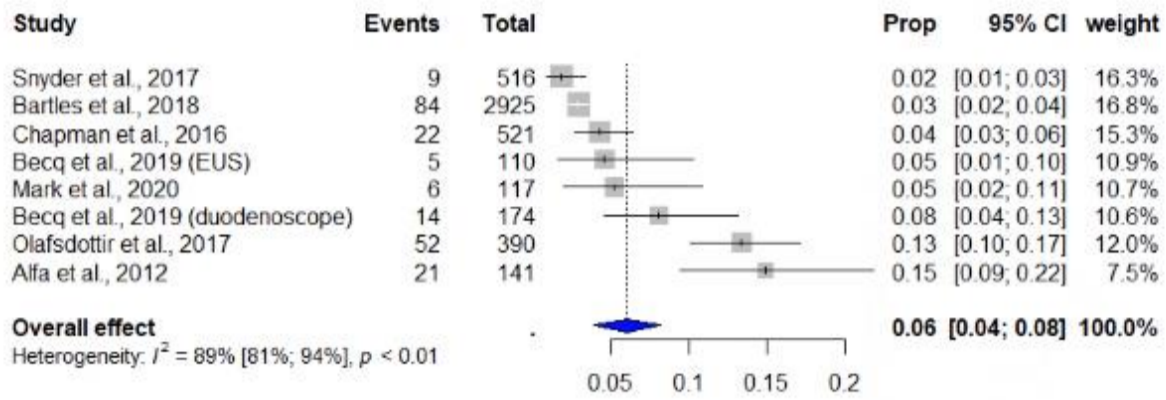
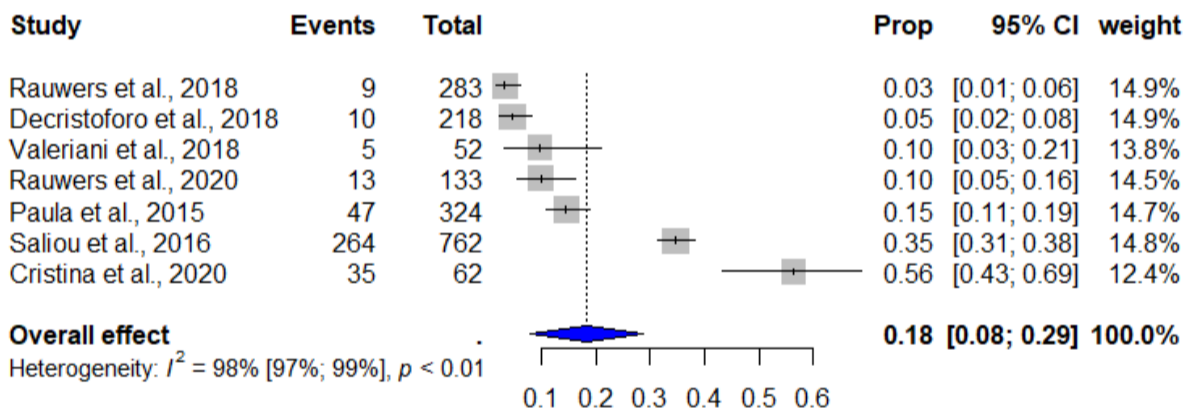


## Supplementary material

## Supplementary Material

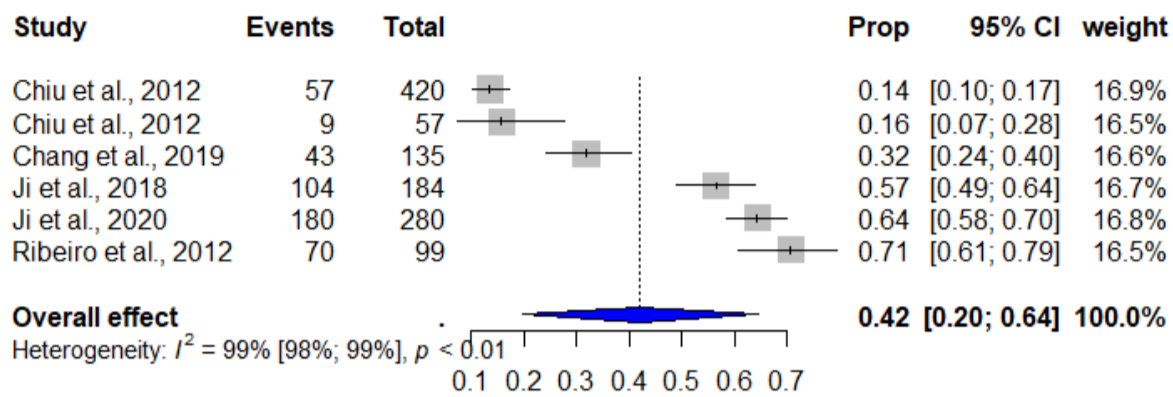


**Supplementary Fig. 1** Pooled estimates of contamination rates beyond the elevator for studies conducted in North America. CI, confidence interval; EUS, endoscopic ultrasound.

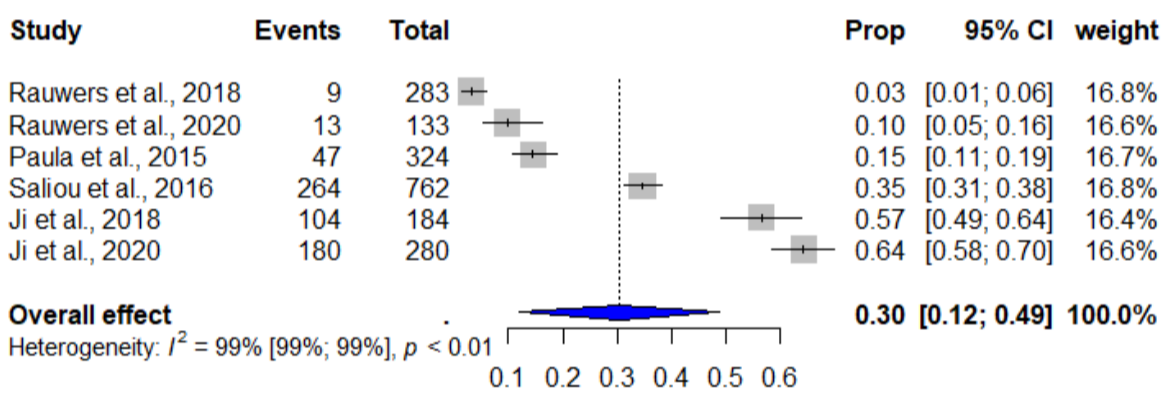


**Supplementary Fig. 2** Pooled estimates of contamination rates beyond the elevator for studies conducted in Europe. CI, confidence interval.

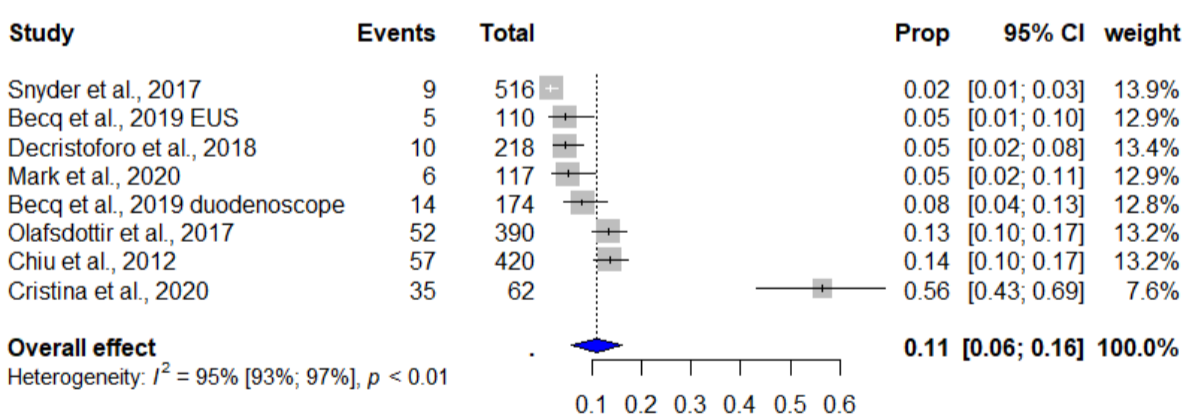
## Supplementary material



**Supplementary Fig. 3** Pooled estimates of contamination rates beyond the elevator for studies conducted in the rest of the world. CI, confidence interval.



**Supplementary Fig. 4** Pooled estimates of contamination rates beyond the elevator for studies using CFU threshold  $\geq 20$ . CI, confidence interval.



**Supplementary Fig. 5** Pooled estimates of contamination rates beyond the elevator for studies using CFU threshold  $< 20$ . CI, confidence interval.