

SUPPLEMENTARY FILE 1

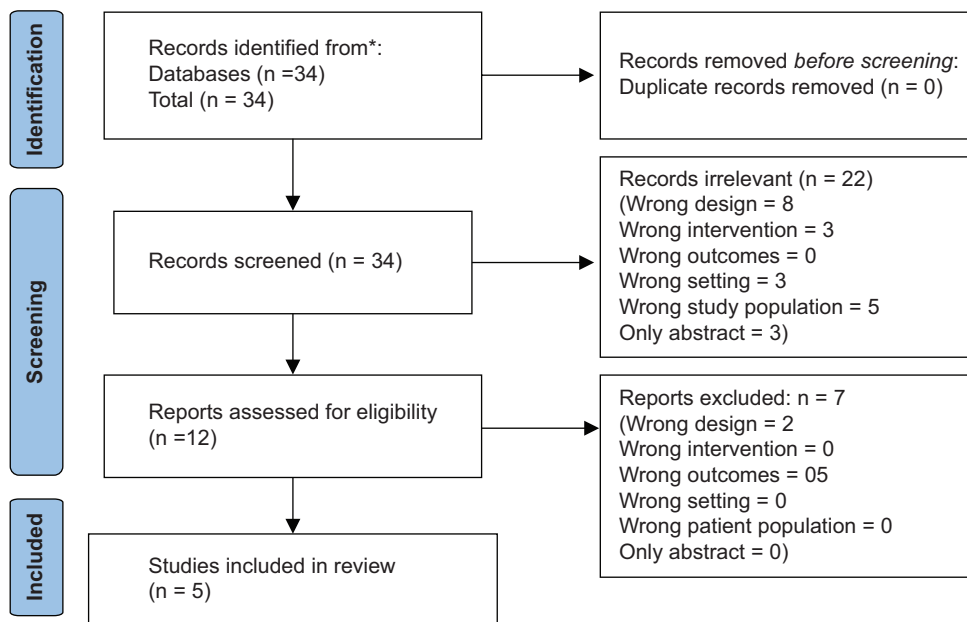


Figure 1: Forest plot of comparison: Traditional teaching versus traditional teaching blended with computer-assisted learning.

SUPPLEMENTARY FILE 2

Table 1: Search strategy.						
Search number	Query	Sort By	Filter	Search Details	Results	Time
1	((Histology learning conventional methods) OR ("smartphone learning") OR ("flipped classroom"))			(((((("histology learning in conventional method""histology learning in conventional method"[MeSH Terms]) OR ("histology learning in conventionalmethod")) OR ("smartphone in learning histology")) OR ("smartphone in learning histology"[MeSH Terms])) OR ("self directed learning in histology"[MeSH Terms])) OR ("self directed learning in histology")) OR ("flipped class room in histology learning")) OR ("flipped class room in histology learning"[MeSH Terms])) OR ("analogues in Histology")) OR ("analogues in Histology"[MeSH Terms])	186,643	1:37:59
2	((Histology learning) OR ("selfdirected learning")) OR ("analogues in histology"))		Last 10 years	(((((("histology learning in conventional method""histology learning in conventional method"[MeSH Terms]) OR ("histology learning in conventionalmethod")) OR ("smartphone in learning histology")) OR ("smartphone in learning histology"[MeSH Terms])) OR ("self directed learning in histology"[MeSH Terms])) OR ("self directed learning in histology")) OR ("flipped class room in histology learning")) OR ("flipped class room in histology learning"[MeSH Terms])) OR ("analogues in Histology")) OR ("analogues in Histology"[MeSH Terms])) AND (y_10[Filter] last 10 years)	49,578	01:41:22