

Supplementary material

Mammen MJ, Aryal K, Alhazzani W, et al. Interferon beta-1a for patients with moderate to severe acute respiratory distress syndrome: a systematic review and meta-analysis of randomized trials. *Pol Arch Intern Med.* 2020; 130: 287-296. doi:10.20452/pamw.15279

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Appendix S1

MEDLINE:

Database: Ovid MEDLINE(R) <1996 to February 25, 2020>

Search Strategy:

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- 1 exp Respiratory Distress Syndrome, Adult/ or Respiratory Distress Syndrome.mp. (25669)
 - 2 (((acute or adult) and (respiratory adj1 distress)) or ards).mp. (23892)
 - 3 exp Acute Lung Injury/ (6033)
 - 4 ((acute adj1 lung* adj1 injur*) or (shock adj1 lung*)).mp. (12246)
 - 5 1 or 2 or 3 or 4 (37227)
 - 6 ((randomized controlled trial or controlled clinical trial).pt. or random*.ab. or placebo.ab. or clinical trials as topic.sh. or trial.ti.) not (exp animals/ not humans.sh.) (977156)
 - 7 5 and 6 (3606)
 - 8 interferon*.mp. (144603)
 - 9 7 and 8 (15)
 - 10 limit 9 to humans (15)

EMBASE:

Database: Embase <1996 to 2020 February 25>

Search Strategy:

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- 1 exp adult respiratory distress syndrome/ (30580)
 - 2 (((acute or adult) and (respiratory adj1 distress)) or ards).mp. (55668)
 - 3 exp acute lung injury/ (14582)
 - 4 ((acute adj1 lung* adj1 injur*) or (shock adj1 lung*)).mp. (22887)
 - 5 1 or 2 or 3 or 4 (70916)
 - 6 interferon*.mp. (328127)
 - 7 5 and 6 (1399)
 - 8 randomized controlled trial.pt. or randomized.mp. or placebo.mp. (1172498)
 - 9 (randomized controlled trial/ or randomization/ or placebo/ or crossover procedure/ or double blind procedure/ or single blind procedure/ or (crossover* or cross over*).ti,ab. or

(doubl* adj blind*).ti,ab. or (controlled adj3 (study or design or trial)).ti,ab. or (placebo* or
allocat* or trial* or random* or groups).ti,ab.) not ((exp animal/ or animal.hw. or nonhuman/
not (exp human/ or human cell/ or (human or humans).ti,ab.)) (3671738)

10 7 and 8 (133)

Reference	Reason for exclusion*
Mock JR, Tune MK, Dial CF, Torres-Castillo J, et al. Effects of IFN- γ on immune cell kinetics during the resolution of acute lung injury. <i>Physiol Rep.</i> 2020 Feb;8(3):e14368. doi: 10.14814/phy2.14368.	The current study investigated IFN- γ during resolution in several experimental models of ALI and was in vitro. We excluded as irrelevant PICO.

Table S1: Excluded studies

**Our decision to exclude this study was based on the premise the study investigated IFN- γ during resolution in several experimental models of ALI and was in vitro. We excluded as irrelevant PICO.*