**Supporting Table 2. Search strategy.**

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| Medline, up to September 13, 2020 (53 articles)  ("Intragastric balloon" [tw] OR "Gastric balloon" [tw]) AND ("Alanine aminotransferase" [tw] OR "Alanine transaminase" [tw] OR ALT [tw] OR Liver [tw] OR "Nonalcoholic fatty liver disease" [tw] OR "Non-alcoholic fatty liver disease" [tw] OR NASH [tw] OR NAFLD [tw] OR HOMA-IR [tw] OR "Homeostasis model assessment" [tw] OR "Insulin resistance" [tw]) |
| Cochrane, up to September 13, 2020 (12 articles)  ("Intragastric balloon" OR "Gastric balloon") AND ("Alanine aminotransferase" OR "Alanine transaminase" OR ALT OR Liver OR "Nonalcoholic fatty liver disease" OR "Non-alcoholic fatty liver disease" OR NASH OR NAFLD OR HOMA-IR OR "Homeostasis model assessment" OR "Insulin resistance") |
| Web of Science, up to September 13, 2020 (84 Articles)  ("Intragastric balloon" OR "Gastric balloon") AND ("Alanine aminotransferase" OR "Alanine transaminase" OR ALT OR Liver OR "Nonalcoholic fatty liver disease" OR "Non-alcoholic fatty liver disease" OR NASH OR NAFLD OR HOMA-IR OR "Homeostasis model assessment" OR "Insulin resistance")  DOCUMENT TYPES: (ARTICLE) |