

## SUPPLEMENTS

**Supplementary Table 1.** The fasting and non-fasting protocol of each study

Studies	Fasting	Non-fasting
Liu et al. [1]	At least 4 hours of fasting from solid food No water restriction	No restriction
Neeman et al. [2]	At least 4 hours of fasting from both fluids and solid food	No restriction
Tsushima et al. [3]	At least 4 hours of fasting from solid food No water restriction	No restriction
Ha et al. [4]	At least 4 hours of fasting from solid food No water restriction	Less than 4 hours of fasting from solid food
Barbosa et al. [5]	At least 4 hours of fasting from solid food	Received light meal within 1 hour before administration of ICM
Li et al. [6]	At least 4 hours of fasting from solid food No water restriction	No restriction
Hamid et al. [7]*	-	No restriction
Kwon et al. [8]	At least 6 hours of fasting from both fluids and solid food	Normal diet as usual Neither restriction nor encourage
Kim et al. [9]	At least 6 hours of fasting from solid food and at least 1 hour of fluid restriction	Fluid administration within 1 hour before administration of ICM
Park et al. [10]	At least 6 hours of fasting from solid food	Less than 6 hours of fasting

\*All study participants were non-fasting.

ICM = iodinated contrast media

**Supplementary Table 2.** Quality assessments of included studies using the Newcastle-Ottawa Quality Scale

Studies	Selection				Comparability	Outcome			Total score
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure to implant	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcomes	Was the follow-up long enough for outcomes to occur*	Adequacy of follow-up of cohorts	
Liu et al. [1]	1	1	1		2 <sup>†</sup>	1	1	1	8
Neeman et al. [2]	1	1	1		1	1	1	1	7
Tsushima et al. [3]	1	1			1	1			4
Ha et al. [4]	1	1	1		2 <sup>†</sup>	1	1	1	8
Barbosa et al. [5]	1	1	1	1	1	1		1	7
Li et al. [6]	1	1	1		2 <sup>†</sup>	1		1	7
Hamid et al. [7]	1					1		1	3
Kwon et al. [8]	1	1			2 <sup>†</sup>	1		1	6
Kim et al. [9]	1	1	1	1	2 <sup>†</sup>	1		1	8
Park et al. [10]	1	1		1	1	1		1	6

\*The follow-up period was deemed to be sufficient for aspiration pneumonia (at least 96 hours after intravascular contrast medium administration), '2' is allotted when two conditions are satisfied; 1) matching of cases and controls in the design and 2) adjustment for confounders in the analysis [11].

## REFERENCES

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