

Online Resource 3 - Detailed ROB2

Basar H. - (2008)

Entry	Judgment	Description
Randomization	<i>Some concerns</i>	No information regarding the randomization process. No apparent imbalances.
Deviations	<i>Low risk</i>	Reported as double blinded. No apparent deviations because of the trial context.
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Some concerns</i>	The method for measuring the outcomes was appropriated and was not different among the groups. However, information is missing about secondary outcomes.
Selection	<i>Some concerns</i>	Analysis intentions are not available.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in three domains for this result, but not to be at high risk of bias for any domain.

Bhagat N. - (2016)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	Allocation sequence was computer generated by a random number table. No apparent imbalances in the study population.
Deviations	<i>Low risk</i>	Personnel and patients were unaware of the intervention, there were no described deviations because of the trial context
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Some concerns</i>	Analysis intentions aren't available
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in three domains for this result, but not to be at high risk of bias for any domain

Bhattacharjee D.P. - (2010)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	Allocation sequence was generated by a computer generated randomization schedule. No apparent imbalances in the study population
Deviations	<i>Low risk</i>	Both participants and personnel were not aware of interventions.
Missing outcome	<i>Low risk</i>	Outcome data is available for all randomized participants
Measurement	<i>Low risk</i>	Outcome assessors were blind to the group allocation. The method for measuring the outcomes was appropriated and was not different among the group.
Selection	<i>Some concerns</i>	Analysis intentions aren't available
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain

Bielka K. - (2018)

Entry	Judgment	Description
Randomization	Low risk	After the primary patient assessment, eligible participants were assigned in a 1:1 ratio to either the intervention or control (Group C) groups using random assignment in blocks of four. No apparent imbalances in the study population.
Deviations	Low risk	Reported as double blinded. No apparent deviations because of the trial context.
Missing outcome	Low risk	Outcomes data were available for all the participants.
Measurement	Low risk	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	Some concerns	Analysis intentions are not available.
Overall RoB2	Some concerns	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain

Chavan S.G. - (2016)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	The allocation sequences (contained in sequentially numbered, opaque, sealed, and stapled envelopes) were concealed from the investigator enrolling and assessing participants. No apparent imbalances in the study population.
Deviations	<i>Low risk</i>	Reported as double blinded. No apparent deviations because of the trial context.
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Low risk</i>	Analysis intentions are available (registration number ChiCTR-IOR-14005167).
Overall RoB2	<i>Low risk</i>	The study is judged to be at low risk of bias for all domains for this result.

Chilkoti G.T. - (2020)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	Allocation sequence was computer-generated using random numbers tables. No apparent imbalances.
Deviations	<i>Some concerns</i>	A physician not involved in the cases prepared the infusion. Some participants excluded after randomization due to open surgery, no information to which group they belonged.
Missing outcome	<i>Some concerns</i>	Outcome data is available for 90% of randomised participants.
Measurement	<i>Low risk</i>	Outcome assessors were blind to the group allocation
Selection	<i>Some concerns</i>	Analysis intentions are not available.
Overall RoB2	<i>Some concern</i>	The study is judged to raise some concerns in at least one domain for this result, but not to be at high risk of bias for any domain

Hazra R. - (2014)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	No apparent imbalances in the study population.
Deviations	<i>Low risk</i>	Personnel and patients were unaware of the intervention, there were no described deviations because of the trial context.
Missing outcome	<i>Low risk</i>	There were data for the analyzed outcomes available for all participants randomized
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Some concerns</i>	Analysis intentions are not available.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in at least one domain for this result, but not to be at high risk of bias for any domain

Khanduja S. - (2014)

Entry	Judgment	Description
Randomization	<i>Some concerns</i>	There are no informations on allocation concealment but no baseline imbalances are apparent
Deviations	<i>Some concerns</i>	Unknown if participants and personnel were aware of the intervention, however there were no described deviations because of the trial context.
Missing outcome	<i>Low risk</i>	Outcome data is available for all randomized participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups
Selection	<i>Low risk</i>	Analysis intentions are available.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in two domains for this result, but not to be at high risk of bias for any domain

Khare A. - (2017)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	Allocation using chit and box method. Infusion was prepared by a separate anesthetist in a separate room according to the group allotted. No apparent imbalances in the study population.
Deviations	<i>Low risk</i>	Personnel and patients were unaware of the intervention, there were no described deviations because of the trial context
Missing outcome	<i>Low risk</i>	Outcome data is available for all randomized participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups
Selection	<i>Some concerns</i>	Analysis intentions are not available
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in at least one domain for this result, but not to be at high risk of bias for any domain

Kholi A.V. - (2017)

Entry	Judgment	Description
Randomization	<i>Some concern</i>	No description of randomization method and how random sequence was concealed. No apparent imbalances in the study population
Deviations	<i>Some concern</i>	Unknown if participants and personnel were aware of the intervention, however there were no described deviations because of the trial context.
Missing outcome	<i>Low risk</i>	There were data for the analyzed outcomes available for all participants randomized
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Some concerns</i>	Analysis intentions are not available.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in at least one domain for this result, but not to be at high risk of bias for any domain

Park H.Y. - (2015)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	No data on randomization process. Syringes prepared by uninvolved personnel. No apparent imbalances in the study population.
Deviations	<i>Low risk</i>	Both participants and personnel were unaware of the intervention. The analysis used to estimate the effect of assignment to intervention was appropriated
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Some concerns</i>	Analysis intentions aren't available
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain

Sharma R. - (2017)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	Randomisation was computer-generated. It's reported that patients from both the groups had a comparable demographic profile with no significance statistically.
Deviations	<i>Low risk</i>	Reported as double blinded.
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Some concerns</i>	Analysis intentions are not available.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain

Srivastava V.K. - (2015)

Entry	Judgment	Description
Randomization	Low risk	Patients were randomized with the help of a computer-generated table of random numbers into three groups depending on the drug given. No apparent imbalances in the study population.
Deviations	Low risk	Reported as double blinded. No apparent deviations because of the trial context.
Missing outcome	Low risk	Outcomes data were available for all the participants.
Measurement	Low risk	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	Some concerns	Analysis intentions are not available.
Overall RoB2	Some concerns	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain

Ye Q - (2021)

Entry	Judgment	Description
Randomization	Low risk	All patients were randomized to one of four groups using computer-generated random numbers and a 1:1:1:1 allocation ratio No apparent imbalances in the study population.
Deviations	Low risk	Reported as double blinded. No apparent deviations because of the trial context.
Missing outcome	Low risk	Outcomes data were available for all the participants.
Measurement	Low risk	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	Low risk	Analysis intentions are available.
Overall RoB2	Low risk	The study is judged to be at low risk of bias

Zarif P. - (2015)

Entry	Judgment	Description
Randomization	<i>Low risk</i>	The randomization sequence without stratification was generated by a computer, and sealed with consecutively numbered envelopes. No apparent imbalances.
Deviations	<i>Some concerns</i>	No information regarding awareness of participants and staff involved.
Missing outcome	<i>Low risk</i>	Outcomes data were available for all the participants.
Measurement	<i>Low risk</i>	The method for measuring the outcomes was appropriated and was not different among the groups.
Selection	<i>Low risk</i>	Analysis intentions are available. This study is registered with PACTR201602001481308.
Overall RoB2	<i>Some concerns</i>	The study is judged to raise some concerns in one domain for this result, but not to be at high risk of bias for any domain.