Manuscript



Video

Manuscript Editor

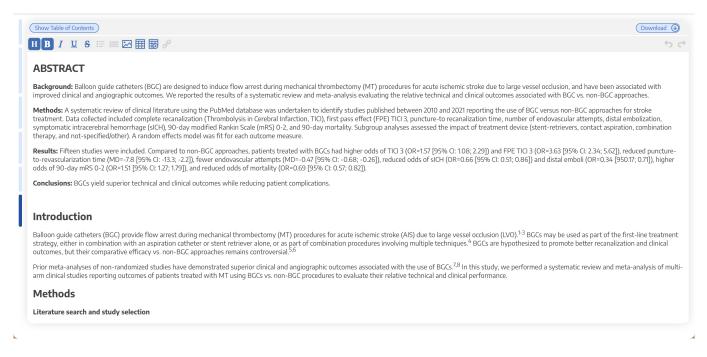
The Manuscript Editor page allows your team to draft a manuscript within the NK software!

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Nest Home Dashboard Literature Search 4/4 Add Individual References Duplicate Review Search Dytimization Search Exploration Screening 187/187 Configure Exclusion Reasons Study Inspector Tagging 39/39 Configure Study Tags Study Inspector Study Inspector Synthesis Manuscript Editor	Protocol Description This nest does not yet have a protocol. If you are an admin, create it here.	Vest Your Mentions All Mentions No comments yet- use this space to discuss your nest in general and ask questions of your team! Second Se

2. Start Typing

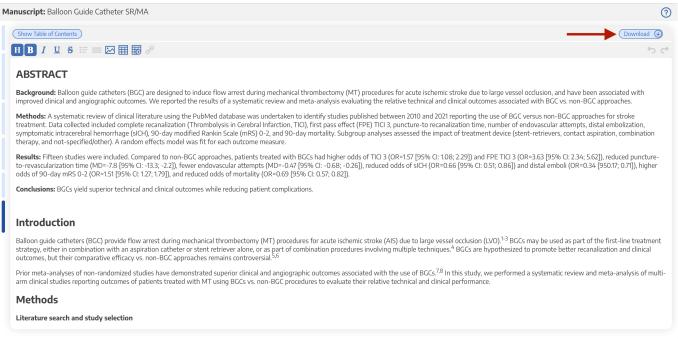
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ABSTRACT	
Background: Balloon guide catheters (BGC) are designed to induce flow arrest during mechanical thrombectomy (MT) procedures for acute ischemic stroke due to large vessel oc improved clinical and angiographic outcomes. We reported the results of a systematic review and meta-analysis evaluating the relative technical and clinical outcomes associated v	
Methods: A systematic review of clinical literature using the PubMed database was undertaken to identify studies published between 2010 and 2021 reporting the use of BGC ver treatment. Data collected included complete recanalization (Thrombolysis in Gerebral Infarction, TICI), first pass effect (FPE) TICI 3, puncture-to recanalization time, number of endd symptomatic intracerebral hemorrhage (sICH), 90-day modified Rankin Scale (mRS) 0-2, and 90-day mortality. Subgroup analyses assessed the impact of treatment device (stent- therapy, and not-specified/other). A random effects model was fit for each outcome measure.	ovascular attempts, distal embolization,
Results: Fifteen studies were included. Compared to non-BGC approaches, patients treated with BGCs had higher odds of TICI 3 (OR=1.57 [95% CI: 1.08; 2.29]) and FPE TICI 3 (OR= to-revascularization time (MD=-7.8 [95% CI: -13.3; -2.2]), fewer endovascular attempts (MD=-0.47 [95% CI: -0.68; -0.26]), reduced odds of sICH (OR=0.66 [95% CI: 0.51; 0.86]) and co odds of 90-day mRS 0-2 (OR=1.51 [95% CI: 1.27; 1.79]), and reduced odds of mortality (OR=0.69 [95% CI: 0.57; 0.82]).	
Conclusions: BGCs yield superior technical and clinical outcomes while reducing patient complications.	
Introduction	
Balloon guide catheters (BGC) provide flow arrest during mechanical thrombectomy (MT) procedures for acute ischemic stroke (AIS) due to large vessel occlusion (LVO) ¹⁻³ BGCs m strategy, either in combination with an aspiration catheter or stent retriever alone, or as part of combination procedures involving multiple techniques. ⁴ BGCs are hypothesized to outcomes, but their comparative efficacy vs. non-BGC approaches remains controversial. ⁵⁵	
Prior meta-analyses of non-randomized studies have demonstrated superior clinical and angiographic outcomes associated with the use of BGCs. ^{7,8} In this study, we performed a arm clinical studies reporting outcomes of patients treated with MT using BGCs vs. non-BGC procedures to evaluate their relative technical and clinical performance.	systematic review and meta-analysis of multi-
Methods	
Literature search and study selection	

Example:

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