



Figure S1 PRISMA flow chart.

Table S1 Canadian Institute of Health Economics Quality Appraisal Checklist for Case Series (modified)

Domain	Description
1	Was the hypothesis/aim/objective of the study clearly stated?
2	Was the study conducted prospectively?
3	Were the cases collected in more than one center?
4	Were the patients recruited consecutively?
5	Were the characteristics of the patients included in the study described?
6	Were the eligibility criteria for entry into the study clearly described?
7	Did the patients enter the study at a similar point in their disease?
8	Was the intervention of interest clearly described?
9	Were additional interventions clearly described?
10	Were relevant outcome measures established a priori?
11	Were the outcomes appropriately measured?
12	Were the relevant outcome measures made before and after the treatment?
13	Were the statistical tests used appropriate for the outcome of interest?
14	Was follow-up long enough for important events and outcomes to occur?
15	Were losses to follow-up reported/
16	Did the study provide estimates of random variability in the data?
17	Were the adverse events reported?
18	Were the conclusions of the study supported by the results?
19	Were the competing interests and support sources reported?

Study	Risk of bias domains					Overall
	D1	D2	D3	D4	D5	
Ahn, 2019	+	+	+	+	+	+
Andersson, 2021	+	+	+	+	+	+
Arnold, 2019	+	+	+	+	+	+
Baldonado, 2019	+	+	+	-	+	+
Farivar, 2014	+	+	-	+	-	-
Fukui, 2021	+	+	+	+	+	+
Gallagher, 2018	+	+	+	+	+	+
Gomez Hernandez, 2021	+	+	+	+	+	+
Herrera, 2022	+	+	+	+	-	+
Kanzaki, 2021	+	+	+	+	+	+
Karnik, 2020	+	+	+	-	-	-
Lee, 2014	+	+	+	+	-	+
Lee, 2020	+	+	+	+	+	+
Merritt, 2019	+	+	+	+	+	+
Meyer, 2012	+	+	+	+	+	+
Oh, 2013	+	+	-	+	-	-
Peng, 2020	+	+	+	+	-	+
Song, 2019	+	+	+	+	+	+
Su, 2021	+	+	+	+	+	+
Toker, 2016	+	+	+	+	+	+
Veronesi, 2011	+	+	+	-	-	-
Yang, 2021	+	+	+	+	+	+

Domains:
D1: Bias arising from the randomization process.
D2: Bias due to deviations from intended intervention.
D3: Bias due to missing outcome data.
D4: Bias in measurement of the outcome.
D5: Bias in selection of the reported result.

Judgement
- Some concerns
+ Low

Figure S2 ROBINS visual representation tool.