

Supplementary material

Search Strategy

PubMed

((“Behçet Syndrome”[Mesh]) OR Behçet OR Behçet OR “adamantiades-Behçet” OR “adamantiades-Behçet” OR “silk route disease” OR “cardio-Behçet” OR “cardio-Behçet” OR “cardiac Behçet” OR ((cardiac OR cardio) AND BD)) AND (STE OR ((“speckle tracking” OR “speckle-tracking” OR strain OR speckle) AND (“Echocardiography”[Mesh]) OR “cardiac ultrasounds” OR TTE)) OR (“Global Longitudinal Strain”[Mesh]) OR “Longitudinal strain” OR “radial

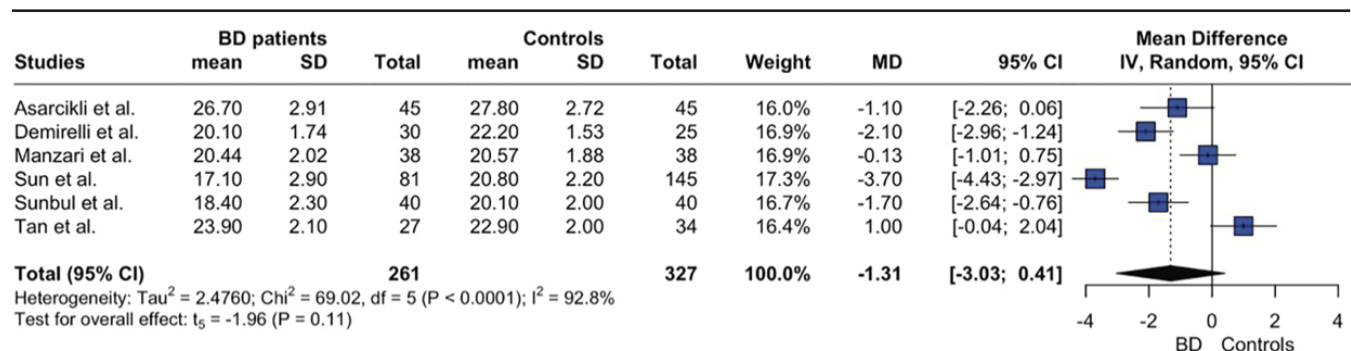
strain” OR “circumferential strain” OR GLS OR GRS OR GCS)

Scopus

((“Behçet Syndrome” OR Behçet OR Behçet OR “adamantiades-Behçet” OR “adamantiades-Behçet” OR “silk route disease” OR “cardio-Behçet” OR “cardio-Behçet” OR “cardiac Behçet” OR ((cardiac OR cardio) AND BD)) AND (STE OR ((“speckle tracking” OR “speckle-tracking” OR strain OR speckle) AND (echocardiography OR “cardiac ultrasounds” OR TTE)) OR “Global Longitudinal Strain” OR “radial strain” OR “circumferential strain” OR GLS OR GRS OR GCS)

Web of Science

((“Behçet Syndrome” OR Behçet OR Behçet OR “adamantiades-Behçet” OR “adamantiades-Behçet” OR “silk route disease” OR “cardio-Behçet” OR “cardio-Behçet” OR “cardiac Behçet” OR ((cardiac OR cardio) AND BD)) AND (STE OR ((“speckle tracking” OR “speckle-tracking” OR strain OR speckle) AND (echocardiography OR “cardiac ultrasounds” OR TTE)) OR “Global Longitudinal Strain” OR “radial strain” OR “circumferential strain” OR GLS OR GRS OR GCS)



Supplementary Fig. S1. Subgroup analysis of studies using 2D STE.

Supplementary Table S1. Risk of bias assessment using the JBI critical appraisal checklist for case-control studies.

Studies	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Overall bias
Yagmur et al.	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Unclear	Yes	Low
Demirelli et al.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Low
Sun et al.	Unclear	Yes	Yes	Yes	Yes	Yes	No	Yes	Unclear	Unclear	Moderate
Hidayet et al.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Low
Sunbul et al.	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Unclear	Yes	Moderate
Asarcikli et al.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Unclear	Yes	Low
Manzari et al.	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Unclear	Yes	Moderate
Tan et al.	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Unclear	Unclear	Moderate