

- 1 Assessment and diagnosis
 - 1.1 In adults with suspected heart valve disease, what symptoms and signs indicate referral (for example from primary care) for echocardiography?
 - 1.2 In adults with suspected heart valve disease, what symptoms and signs indicate direct referral (for example from primary care) to a specialist?
 - 1.3 In adults with heart valve disease who have had echocardiography, what are the indications for referral to a specialist?
 - 1.4 In adults with heart valve disease, what is the prognostic value and cost effectiveness of stress testing and stress echocardiography to determine the need for intervention?
 - 1.5 In adults with heart valve disease, what is the prognostic value and cost effectiveness of cardiac MRI and cardiac CT to determine the need for intervention?
- 2 Medical management
 - 2.1 In adults with heart failure and concomitant heart valve disease, what is the clinical and cost effectiveness of angiotensin-converting enzyme (ACE) inhibitors, angiotensin II receptor blockers (ARBs), beta-blockers, calcium channel blockers, digoxin, diuretics and nitrates to improve clinical outcome?
 - 2.2 In adults with heart valve disease without concomitant heart failure, what is the clinical and cost effectiveness of alpha-blockers, angiotensin-converting enzyme (ACE) inhibitors, angiotensin-II receptor blockers (ARBs), beta blockers, calcium channel blockers, digoxin, diuretics, statins and nitrates to improve clinical outcome?
- 3 Indications for interventions
 - 3.1 What are the indications that interventions should be offered to adults with asymptomatic, severe heart valve disease?
- 4 Interventions for valve repair or replacement
 - 4.1 What is the clinical and cost effectiveness of transcatheter intervention, surgery (with mechanical or biological valves) and conservative management compared with each other for adults with heart valve disease?
 - 4.2 What is the clinical and cost effectiveness of transcatheter or surgical repeat valve intervention for people with biologic valves or repaired valves that require reintervention due to failure of the valve?

- 5 Anticoagulation and antiplatelet therapy after intervention
 - 5.1 What is the clinical and cost effectiveness of anticoagulant and/or antiplatelet therapy for adults with transcatheter or surgical biological prosthetic valves or after valve repair?
- 6 Monitoring
 - 6.1 Where there is no current indication for intervention, what is the most clinically and cost-effective type and frequency of test for monitoring in adults with heart valve disease?
 - 6.2 What is the most clinically and cost-effective frequency of echocardiography or clinical review for monitoring in adults with repaired or replaced heart valves?
- 7 Information and support
 - 7.1 What information and advice is useful and valuable to adults with heart valve disease and their family and carers?