Management of blunt splenic injury in adults 16 years of age or older and in children less than 16 years of age

# **Key management questions**

#### I. INITIAL ASSESSMENT AND MANAGEMENT

1. What are key considerations in the initial assessment and management of patients with suspected or confirmed blunt splenic injury?

## II. OPERATIVE MANAGEMENT

2. What are the indications for operative management (OM) of blunt splenic injuries?

## III. NON-OPERATIVE MANAGEMENT

3. What are the indications for non-operative management (NOM) in blunt splenic injuries?

## IV. ANGIOGRAPHY/ANGIOEMBOLIZATION

- 4. What are the indications for angiography/angioembolization (AG/AE) in blunt splenic injuries?
- 5. With regard to selective versus non-selective angioembolization, what is the preferred approach to angioembolization in splenic injuries?

#### V. TRANSFER TO HIGHER LEVEL OF CARE

**6.** What are the indications for transfer of patients with blunt splenic injuries to a higher-level trauma center?

## VI. ACUTE HOSPITAL CARE

- 7. What type and duration of monitoring are necessary for patients with blunt splenic injuries?
- 8. When is supplementary imaging required in the hospitalized patient?
- **9.** What activity restrictions should be imposed on patients with blunt splenic injuries, in hospital and post-discharge?

## VII. VENOUS THROMBOEMBOLISM (VTE) PROPHYLAXIS

**10.** What is the optimal timing for initiating deep vein thrombosis (DVT) prophylaxis in patients with blunt splenic injuries?

### VIII. OVERWHELMING POST SPLENECTOMY INFECTION (OPSI) PROPHYLAXIS

11. Which vaccinations should be administered and when in patients with blunt splenic injuries?

## IX. POST HOSPITAL CARE

- **12.** What is the optimal timing for repeat imaging after blunt splenic injury? Which imaging modality should be used to follow-up blunt splenic injury?
- **13.** What is the preferred management of delayed pseudoaneurysm?