



History	Examination	Red Flags	
<ul style="list-style-type: none"> Duration and progression of limp Characteristics of the pain Presence of systemic features Recent illness, travel, medication or trauma Birth and development history Family history of rheumatological or neuromuscular disease 	<ul style="list-style-type: none"> Check temperature Pallor, irritability, lethargy, lymphadenopathy, rash, bruising Examine whole leg, including hip, spine and abdomen (including testes) Use pGALS Refer to causes of limp table (see page 2) 	<ul style="list-style-type: none"> Completely non-weight bearing Severe pain Pseudo-paralysis of limb Night pain Fever Immunocompromised child Localized bone pain Pallor/bruising 	<ul style="list-style-type: none"> Organomegaly Night sweats Weight loss Back pain, in an unwell child Delayed presentation Inconsistent history Unusual pattern of injury or multiple injuries

GREEN LOW RISK	AMBER MEDIUM RISK	Infection Red Flags	Malignancy Red Flags	Other
<ul style="list-style-type: none"> Symptoms less than 72 hours or >72 hours and improving No history of trauma No safeguarding concerns Able to weight bear but limping Well No red flags 	<ul style="list-style-type: none"> Symptoms more than 72 hours and no improvement Representation with similar symptoms Unable to weight bear No red flags 	<ul style="list-style-type: none"> Temperature >38°C Rigors Red, swollen joint Non-weight bearing Pain on moving joint (passive) 	<ul style="list-style-type: none"> Fatigue, anorexia, weight loss, night sweats Pain waking child at night Pallor, lymphadenopathy, organomegaly 	<ul style="list-style-type: none"> History of trauma or focal bony tenderness Safeguarding concerns

GREEN ACTION	AMBER ACTION	RED ACTION Urgent Acton	RED ACTION Urgent Acton	RED ACTION other
<ul style="list-style-type: none"> Likely Transient Synovitis Regular analgesia with ibuprofen and paracetamol Advise to take to A&E if symptoms worsen, fever or systemically unwell Review in 48 - 72 hours Concerns about slipped upper femoral epiphysis or safeguarding concerns low threshold for same day x-ray If not improving at 48-72 hours, not resolved by 1 week or any uncertainty about diagnosis, move to amber actions 	<ul style="list-style-type: none"> Arrange Speciality assessment, urgency depending on clinical judgement, if: <ul style="list-style-type: none"> Uncertainty about cause of limp Cause cannot be managed in primary care (refer to appropriate specialist, for example Orthopaedics, Paediatrics, A&E) Presentation with limp on multiple occasions NICE CKS Child with limp 	<ul style="list-style-type: none"> Send child to Paediatric Emergency Department or Paediatric Assessment Unit 	<ul style="list-style-type: none"> Phone Paediatrician-On-Call to arrange urgent same day assessment 	<ul style="list-style-type: none"> If safeguarding concerns referrer must contact Social Care as per local guidance prior to referral to secondary care If history of trauma refer to ED as per local policy

Causes of Limp

Age Less than 3 Years	Age 3 – 10 years	Older than 10 years	Any Age
<p>Septic Arthritis (SA)/Osteomyelitis (OM)</p> <ul style="list-style-type: none"> • Usually febrile • Most commonly occurs under 4 years of age • Pain and inability to weight bear • Child often looks unwell • Passive movement of joint is extremely painful • SA of Hip, hip often held flexed and abducted • Femoral OM - children may have some passive range of movement if no extension into joint • Requires urgent assessment and treatment • Septic Arthritis is a medical emergency <p>Developmental Dysplasia of hip</p> <ul style="list-style-type: none"> • Painless limp since onset of walking or delayed walking <p>Transient synovitis is less common below 3 years of age.</p> <p>Fracture/soft tissue injury</p> <p>Toddlers fracture</p> <ul style="list-style-type: none"> • Subtle undisplaced spiral fracture of tibia caused by sudden twist, often unwitnessed fall <p>Non-Accidental Injury</p>	<p>Transient synovitis</p> <ul style="list-style-type: none"> • Typically acute onset following a viral infection • No systemic upset • Peak onset age 5/6 years, more common in boys • No pain at rest and passive movements are only painful at the extreme range of movement • Recurs in up to 15% of children • Managed with oral analgesia <p>Septic arthritis (SA)/ osteomyelitis (OM)</p> <p>Fracture/soft tissue injury</p> <p>Perthes disease</p> <ul style="list-style-type: none"> • Usually occurs in children aged 4-10 years (peak 5 to 7 years) • Affects boys more than girls • Bilateral in 10% • Consider if persisting limp • Insidious onset painless limp • Can progress to avascular necrosis of femoral head 	<p>Septic arthritis (SA) / osteomyelitis (OM)</p> <p>Slipped upper femoral epiphysis (SUFE)</p> <ul style="list-style-type: none"> • Usually occurs aged 11-14 years • More common in obese children and in boys • Bilateral in 20-40% • Sudden onset hip or knee pain • Restriction of internal rotation • Same day Xray essential – delayed treatment associated with poor outcome <p>Perthes disease</p> <p>Fracture/soft tissue injury</p> <p>Mechanical including overuse</p> <p>Injuries & stress fractures</p> <p>Osgood-Schlatter’s disease</p> <p>Sever’s disease</p>	<p>Septic arthritis (SA) / osteomyelitis (OM)</p> <p>Malignancy including leukaemia, neuroblastoma, bone tumour</p> <ul style="list-style-type: none"> • Weight loss or poor appetite • Easy bruising • Pallor • Abdominal mass • Miserable • Bone pain and swelling <p>Non-malignant haematological disease e.g. haemophilia, sickle cell</p> <p>Metabolic disease e.g. rickets, Vitamin D deficiency</p> <p>Neuromuscular disease e.g. cerebral palsy, spina bifida</p> <p>Limb abnormality e.g. length discrepancy</p> <p>Inflammatory joint or muscle disease e.g. JIA</p> <ul style="list-style-type: none"> • Consider where limp persistent for 6 weeks or more • Affects the hip in 30-50% and usually bilateral • Uncommon for hip monoarthritic as initial presentation • Typically present with groin pain, may have referred thigh or knee pain • Often history of morning stiffness with gradual resolution of pain with activity • There is painful or decreased range of motion especially in internal rotation • Analgesia should be started and referral to paediatrics/paediatric rheumatology <p>Appendicitis / Testicular torsion / UTI</p>