

This 6 year old patient noticed a few these spots on his forearm last week. They are not itchy but are not going away. Parents are concerned. What is the diagnosis?  
How serious is this disease? 2 points



This 14 year old boy has started complaining of painful L knee. The re is no history of trauma. What is the diagnosis and treatment?



A 6 year old boy presents to A&E with difficulty in walking. He has been unwell for a few days with temperatures. GP diagnosed a viral illness and advised ibuprofen and paracetamol. Pt has not been getting any better and has had several episodes of shakes and sweats. He has an unremarkable PMH except a heart murmur which is thought to be benign and has not been investigated. Yesterday he c/o painfull foot but today he is having problems walking on it. O/E he has a temp of 38.7, is a bit lethargic, tachycardic at 140, BP 75/60. He has a systolic murmur best heard at the apex. His foot examination reveals tender nodules(see pic)  
What does the picture show?- 1 point  
What is the diagnosis? – 1 point  
Describe your immediate management. 4 points

