An 18 year female sickler (HbSS) presented with repeated history of epistaxis and bleeding gums. Features consistent with pseudoxanthoma elasticum were observed, such as hyper-extensile redundant skin folds in the neck, axilla, inguinal areas and abdomen. The skin biopsy showed swollen, clumped and fragmented elastic fibres and calcium deposits in the deep and mid reticular dermis, consistent with pseudoxanthoma elasticum. This is a well recognized complication of sickle cell disease which has not been described in Kenya.