Like any other diseases of poultry, tumours are important to poultry keepers. This is because farmers keep poultry mainly for commercial purposes and are affected by any condition that would cause death of the chickens or reduce their productivity. There are various tumours that affect chickens, mostly the older ones. This is a report of two manifestations of ovarian carcinoma and two extraordinary manifestations of Marek’s disease/Leucosis complex observed in Kenya. Possible impacts on poultry production are discussed.