



Figure 18: Immunohistochemistry in longitudinal section of the lower part of trachea (at 24 months age) showing calcification in the form of brown spots (S) inside cartilage (X4)

Thus, all these sites of calcium precipitate in the hyaline cartilage of the lower part of trachea relatively estimated (+ + + +). Each result of tracheal calcification at this age of laying hens equivalent with [21], he mentioned distribution of calcification in sequent tracheal rings of golden comet bird at 2 years old.

The great development of the calcification ratio of hyaline cartilage of the respiratory tract at this advanced in months (24 months) might have been resultant of compilation motives in addition to toward age, the secondary ossification of the skeleton has been completed, the end of the egg production period for these birds and an imbalance in the metabolism of calcium in order to give laying hens large amounts of calcium in food to re-stimulate egg production.

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