

Dissapearing Salts

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INTRODUCTION:

Calcinosis cutis is the deposition of calcium phosphate salts in the skin and subcutaneous tissue. The idiopathic type is considered the rarest type. We would like to report two cases of calcinosis cutis in paediatric age group that did not necessitate surgical intervention and resolve on its own

REPORT:

The first patient is a 19 day baby boy born term at 38 weeks with birth weight 3.35kg. He was admitted in NICU for 2 weeks for nosocomial infection and congenital pneumonia, completing course of 7 day antibiotics. Upon discharge, it was noted that child had swelling over the left dorsum hand measuring around 4cm x 2cm. The swelling was hard, however no surrounding skin changes nor discharge. There was no features of dysmorphism. Hip and spine examination was normal. X ray done noted calcification over dorsum of hand.

At 1 month during follow up, there was no more swelling over left hand. Range of motion of the wrist and finger joints was good. X ray still showed calcification. Reassurance given to parents that this phenomenon will resolve by its own. A 4 months, there was no more calcifications seen.

The second patient is a 20 day baby born born term via SVD. Child was admitted 8 days in NICU for hypoglycaemia and neonatal jaundice. At day 20, mother notices painless swelling over left wrist. The swelling was 1cmx1cm over the extensor left wrist and hard in consistency. No surrounding skin changes and non-tender. Range of motion was full. Follow up at 4 months showed no more calcification.



Figure 1: Calcification over dorsum wrist of the first patient

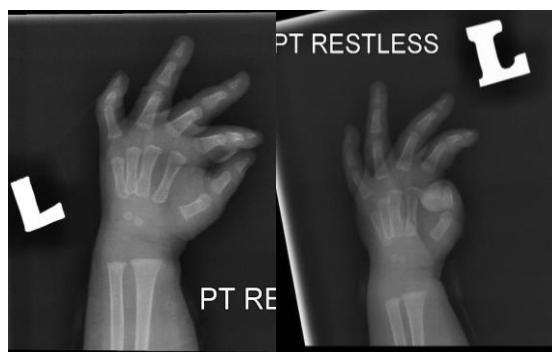


Figure 2: No more calcification after 4 month during follow up.

CONCLUSION:

Calcinosis cutis is extremely rare in paediatric population and does not require surgical intervention. It will resolve on its own.

REFERENCES:

1. Bougioukli, S. *et al.* (2023) 'Cutis calcinosis of the hand in 2 patients with symbrachydactyly', *Journal of Hand Surgery Global Online*, 5(2), pp. 242–245. doi:10.1016/j.jhsg.2022.11.005.