

나 길었다.

2) 식도발성을 못하는 9례중 7례에서 인두식도 분절을 관찰할 수 있었다.

3) 인두식도분절에서 pseudoglottis의 모양이 식도발성을 잘하는 예에서는 정상성대와 유사하게 나타났다.

4) 식도발성을 잘하는 예에서는 pseudoglottis의 위치가 윤상인두괄약근 상방 2cm부위에서 관찰되었으며 식도발성을 못하는 9례중 6례에서는 pseudoglottis의 위치가 윤상인두괄약근 위치였으며 2례에서는 pseudoglottis가 각각 윤상인두괄약근상방 1cm, 1.5cm에 있었다.

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수은전지에 의한 식도손상

충남의대

박언우 · 남부현 · 나기상 · 유장열 · 박찬일

최근 수은전지의 사용이 증가함에 따라 이에 의

한 식도이물의 가능성도 증가하게 되었다.

저자는 수은전지에 의한 식도손상을 관찰하기 위하여 가토(1.7kg~2.5kg)에서 수은전지(충전된 전지, 방전된 전지)와 같은 모양, 크기의 철판(대조군)을 상절치에서 약 15cm되는 식도에 삽입 후 시간별로(1, 3, 6, 12, 24시간)육안적, 조직학적 관찰을 하였다.

충전된 전지를 삽입한 군에서는 삽입후 1시간부터 식도손상을 보였고 시간경과에 따라 그 정도가 심해졌으며, 방전된 전지를 삽입한 군에서는 삽입후 3시간부터 식도손상을 보였고 시간 경과에 따라 그 정도가 심해졌으나 충전된 전지군에 비하여는 경한 손상을 보였으며, 대조군에서는 삽입후 24시간까지 손상을 보이지 않았다.

따라서 수은전지에 의한 식도이물은 조기에 심한 식도손상을 초래하므로 가능한 한 신속히 제거해야 할 것으로 생각된다.



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