

ORAL MANIFESTATIONS IN CHRONIC KIDNEY DISEASE (CKD)

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BACKGROUND

Oral manifestations of chronic kidney diseases (CKD) are often the lesser neglected entity. The prevalence increases with advancement of CKD disease stage.

AIM

To study the various oral manifestations seen in CKD patients.

MATERIAL & METHODS

- The present study is cross sectional study that includes 108 patients of chronic kidney disease.
- Patients with CKD stage III, IV, and V (Non Dialysis) visiting Out-Patient Department (OPD) and those admitted in In-Patient Department (IPD) without any AKI component.
- Acute kidney injury and diabetic patients were excluded.
- Oral manifestations studied during study period for prevalence included oral candidiasis, angular cheilitis, Gingivitis & fissured tongue.

OBSERVATION AND RESULTS

In stage III, 27 (100.0%) patients had no candidiasis. In stage IV, 28 (100.0%) patients had no candidiasis. In stage V (ND), 1 (3.8%) patient had candidiasis. In stage V (D), 4 (14.8%) patients had candidiasis. Association of candidiasis vs. stage was statistically significant ($p=0.0286$).

In stage III, 1 (3.7%) patient had angular cheilitis. In stage IV, 2 (7.1%) patients had angular cheilitis. In stage V (ND), 5 (19.2%) patient had angular cheilitis. In stage V (D), 8 (29.6%) patients had angular cheilitis.

Association of angular cheilitis vs. stage was statistically significant ($p=0.0287$).

In stage III, 27 (100.0%) patients had no gingivitis. In stage IV, 1 (3.6%) patient had gingivitis. In stage V (ND), 2 (7.7%) patients had gingivitis. In stage V (D), 7 (25.0%) patients had gingivitis. Association of gingivitis vs. stage was statistically significant ($p=0.0050$).

No patient in stage III, 27 (100.0%), in stage IV 28 (100.0%) and stage V (ND), 26 (100.0%) had fissured tongue. In stage V (D), 1 (3.7%) patient had fissured tongue. Association of fissured tongue vs. stage was not statistically significant ($p=0.3873$).

CONCLUSION

Oral manifestations of CKD are not uncommon and routine oral check ups in advancing CKD WILL BE HELPFUL

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