**TABLE 3** Ocular Findings in Patients with Congenital Insensitivity to Pain With and Without Anhidrosis

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| --- | --- | --- | --- | --- |
| **Ocular Finding** | **No. (%) Patients** | | **No. (%) Eyes** | |
|  | **CIPA** | **CIP** | **CIPA** | **CIP** |
| Corneal opacities  1 eye  2 eyes | 5/32 (15.6)  5/32 (15.6) | 4/7 (57.0)  2/7 (28.5) | 15 | 8 |
| Location  Diffuse  Central  Eccentric |  |  | 1/15 (6.7)  6/15 (40.0)  8/15 (53.0) | 2/8 (25.0)  6/8 (75.0)  0 |
| Depth  Subepithelial  Superficial stromal  Deep stromal |  |  | 2/15 (13.3)  6/15 (40.0)  7/15 (46.6) | 1/8 (12.5)  2/8 (25.0)  5/8 (62.5) |
| Diameter, mm  <2  2–4  >4 |  |  | 5/15 (33.3)  4/15 (26.6)  6/15 (40.0) | 1/8 (12.5)  3/8 (37.5)  4/8 (50.0) |
| Schirmer I  NA  >10  ≤10 | 14/32 (43.8) | 3/7 (42.8) | 28/64 (43.8)  30/36 (83.3)  6/36 (16.6) | 6/14 (42.8)  2/8 (25.0)  6/8 (75.0) |
| Corneal reflex  NA  Positive  Negative | 6/32 (18.8) | 1/7 (14.2) | 12/64 (18.8)  27/52 (52.0)  25/52 (48.0) | 2/14 (14.2)  4/12 (33.3)  8/12 (66.6) |
| Tear breakup time, s  NA  >5  ≤5 | 8/32 (25.0) | 3/7 (42.8) | 16/64 (25.0)  35/48 (73.0)  13/48 (27.0) | 6/14 (42.8)  5/8 (63.0)  3/8 (37.0) |
| Superficial punctate keratitis  NA  A0  A1  A2  A3  D0  D1  D2  D3 | 5/32 (15.6) | 1/7 (14.0) | 10/64 (15.6)  20/54 (37.0)  13/54 (24.0)  2/54 (3.7)  5/54 (9.3)  22/54 (40.7)  9/54 (16.6)  3/54 (5.5)  8/54 (14.8) | 2/14 (14.0)  2/12 (16.5)  5/12 (41.5)  1/12 (8.3)  4/12 (33.3)  2/12 (16.5)  1/12 (8.3)  1/12 (8.3)  8/12(66.6) |

CIP = congenital insensitivity to pain without anhidrosis; CIPA = congenital insensitivity to pain with anhidrosis; NA = not applicable