Pattern and presentation of vitreo-retinal diseases: an analysis of retrospective data at a tertiary eye care centre in Nepal

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| Table S1 Symptom onset-Presentation interval (months) | | |
| Duration of symptoms | Frequency | Valid Percent |
| 0 – 1 | 565 | 30.5 |
| > 1 – 6 | 507 | 27.4 |
| > 6 – 12 | 280 | 15.1 |
| > 12 | 500 | 27.0 |
| **Total** | **1852** | **100.0** |
| Data not found | 53 |  |
|  | **1905** |  |
|  | | |

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| --- | --- | --- |
| Table S2 Systemic diseases associated | | |
| Diseases | Frequency | Percent |
| Hypertension (HT) | 250 | 40.8 |
| Diabetes (DM) | 199 | 32.5 |
| DM + HT | 124 | 20.2 |
| Asthma / COPD | 15 | 2.4 |
| Chronic renal failure | 6 | 1 |
| Tuberculosis | 6 | 1 |
| Hepatitis B | 4 | 0.7 |
| Leukemia | 4 | 0.7 |
| Arthritis | 3 | 0.5 |
| Brain tumor | 2 | 0.3 |
| HIV / AIDS | 2 | 0.3 |
| Others\* | 8 | 1.3 |
| **Total** | **613** | **100** |
| Not found | 1292 |  |
|  | **1905** |  |

\*Others included malaria, filariasis, thyroiditis, cardiac disease, Parkinson's disease,

preterm baby, connective tissue disorder.

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| **Table S3** Prior interventions (surgical/Laser) | | | |
|  |  |  |  |
| **Intervention** | **Frequency** | **Percent** |  |
| No Intervention | 1769 | 92.9 |  |
| Cataract surgery | 55 | 2.9 |  |
| VR surgery | 27 | 1.5 |  |
| Retinal laser | 27 | 1.5 |  |
| Primary repair: Corneo-scleral and eyelids | 20 | 1 |  |
| Intravitreal Avastin | 2 | 0.2 |  |
| Anterior chamber wash | 2 | 0.2 |  |
| Glaucoma surgery | 1 | 0.1 |  |
| Retrobulbar Methyl-prednisolone | 1 | 0.1 |  |
| Retinal laser + Inj. Avastin | 1 | 0.1 |  |
| Total | 1905 | 100 |  |

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| Table S4 Diagnostic procedures | | |
| Diagnostic tests | Frequency | Percent |
| Hematological tests | 584 | 23.1 |
| Optical Coherence Tomography | 516 | 20.4 |
| B-scan | 436 | 17.2 |
| Fundus Fluorescence Angiography | 89 | 3.5 |
| Visual field | 39 | 1.5 |
| Chest X-ray | 36 | 1.4 |
| Mantoux test | 30 | 1.2 |
| Electroretinogram | 25 | 1.0 |
| Colour vision | 14 | .6 |
| CT scan head & orbit | 14 | .6 |
| Vitreous culture/sensitivity | 12 | .5 |
| Biometry | 10 | .4 |
| A-scan | 8 | .3 |
| Examination Under Aaesthesia | 7 | .3 |
| Visual Evoked Potential | 5 | .2 |
| Others | 7 | .3 |
| No investigation | 687 | 27.1 |
| **Total test frequency** | **2532** | **100.0** |

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| Table S5 Diseases involving posterior segment other than retina | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | | | Right Eye | | | | | Left Eye | | | | |
| Diagnosis | | | N | Percent across non-retinal diseases | Percent across all diseases | | N | | Percent across non-retinal diseases | | Percent across all diseases |
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|
| Posterior vitreous degeneration | | | 44 | 17.7 | 2.3 | | 35 | | 14.1 | | 1.8 |
| Endophthalmitis | | | 27 | 10.8 | 1.5 | | 24 | | 9.6 | | 1.2 |
| Optic atrophy | | | 26 | 10.4 | 1.4 | | 25 | | 10 | | 1.3 |
| Vitreous degeneration | | | 23 | 9.2 | 1.2 | | 25 | | 10 | | 1.3 |
| Asteroid hyaloisis | | | 13 | 5.2 | 0.7 | | 13 | | 5.2 | | 0.7 |
| Close-Globe Injuries | | | 12 | 4.8 | 0.6 | | 10 | | 4 | | 0.6 |
| Choroidal involvement | | | 10 | 4 | 0.5 | | 10 | | 4 | | 0.6 |
| Dislocated cataract | | | 10 | 4 | 0.5 | | 14 | | 5.5 | | 0.8 |
| Optic disc involvement | | | 10 | 4 | 0.5 | | 14 | | 5.6 | | 0.7 |
| Open globe injury | | | 9 | 3.6 | 0.5 | | 8 | | 3.2 | | 0.4 |
| Phthisis/Atrophic/Absolute | | | 8 | 3.2 | 0.4 | | 16 | | 6.4 | | 0.8 |
| No fundal view | | | 7 | 2.8 | 0.4 | | 6 | | 2.4 | | 0.3 |
| Glaucomatous optic atrophy | | | 5 | 2 | 0.3 | | 3 | | 1.2 | | 0.2 |
| RIOFB | | | 4 | 1.6 | 0.2 | | 7 | | 2.8 | | 0.4 |
| Dislocated IOL in vitreous | | | 3 | 1.2 | 0.2 | | 7 | | 2.8 | | 0.4 |
| Others | | | 38 | 15.3 | 1.9 | | 36 | | 14.5 | | 1.8 |
| **Total** | | | **249** | **99.8** | **13.1** | | **253** | | **101.3** | | **13.3** |