### Supplement Table S1 Number of visits in outpatient departments by sex

| Department                      | Male            | Female          | Total            |
|---------------------------------|-----------------|-----------------|------------------|
| Ophthalmology                   | 3,747 (13.33)   | 2,741 (12.10)   | 6,488 (12.78)    |
| General Surgery                 | 3,189 (11.34)   | 2,211 (9.76)    | 5,400 (10.64)    |
| General Internal Medicine       |                 |                 |                  |
| Medicine                        | 2,797 (9.95)    | 2,138 (9.44)    | 4,935 (9.72)     |
| Orthopedics                     | 2,730 (9.71)    | 1,826 (8.06)    | 4,556 (8.98)     |
| Traditional Chinese Medicine    |                 |                 |                  |
| Medicine                        | 2,478 (8.82)    | 2,074 (9.16)    | 4,552 (8.97)     |
| Gynecology and Obstetrics       | 0 (0.00)        | 3,636 (16.06)   | 3,636 (7.16)     |
| Gastroenterology                | 1,866 (6.64)    | 1,486 (6.56)    | 3,352 (6.60)     |
| Stomatology                     | 1,629 (5.79)    | 1,178 (5.20)    | 2,807 (5.53)     |
| Cardiology                      | 1,633 (5.81)    | 1,163 (5.14)    | 2,796 (5.51)     |
| Urology                         | 2,458 (8.74)    | 294 (1.30)      | 2,752 (5.42)     |
| Otorhinolaryngology             | 1,398 (4.97)    | 1,034 (4.57)    | 2,432 (4.79)     |
| Dermatology                     | 1,476 (5.25)    | 940 (4.15)      | 2,416 (4.76)     |
| Respiratory Medicine            | 1,352 (4.81)    | 722 (3.19)      | 2,074 (4.09)     |
| Pediatrics                      | 734 (2.61)      | 673 (2.97)      | 1,407 (2.77)     |
| Neurology                       | 551 (1.96)      | 488 (2.15)      | 1,039 (2.05)     |
| Nephrology                      | 36 (0.13)       | 27 (0.12)       | 63 (0.12)        |
| Cardiothoracic Surgery          | 30 (0.11)       | 10 (0.04)       | 40 (0.08)        |
| Infectious Diseases             | 7 (0.02)        | 6 (0.03)        | 13 (0.03)        |
| **Total**                       | **28,111 (100.00)** | **22,647 (100.00)** | **50,758 (100.00)** |
### Supplement Table S2 Profile of Operation Procedures by sex

| Sex       | Variables | Rank | Total, N (%) |
|-----------|-----------|------|--------------|
|           | ICD       | 1    | 2            | 3            | 4            | 5            |
| Male      | Lipoma excision | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Cataract extraction | 86.30 | 86.30        | 83.87        | 11.31        |
|           | Skin tissue removal | 86.30 | 86.30        | 83.87        | 11.31        |
|           | Herniorrhaphy | 86.30 | 86.30        | 83.87        | 11.31        |
|           | Pterygium Transposition | 86.30 | 86.30        | 83.87        | 11.31        |
|           | N (%) | 43 (23.50) | 32 (17.49) | 25 (13.66) | 14 (7.65) | 12 (6.56) | 183 (72.62) |
| Female    | Cataract extraction | 13.72 | 86.30        | 86.30        | 83.87        | 11.31        |
|           | Skin tissue removal | 13.72 | 86.30        | 86.30        | 83.87        | 11.31        |
|           | Lipoma excision | 13.72 | 86.30        | 86.30        | 83.87        | 11.31        |
|           | Pterygium Transposition | 13.72 | 86.30        | 86.30        | 83.87        | 11.31        |
|           | Removal of breast fibrosis | 13.72 | 86.30        | 86.30        | 83.87        | 11.31        |
| N (%)     | 19 (27.54) | 15 (21.74) | 13 (18.84) | 3 (4.35)   | 3 (4.35)   | 69 (27.38)   |
| Total     | ICD       | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Lipoma excision | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Cataract extraction | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Skin tissue removal | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Pterygium Transposition | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
|           | Herniorrhaphy | 86.83 | 13.72        | 86.30        | 83.87        | 11.31        |
| N (%)     | 56 (22.22) | 51 (20.24) | 40 (15.87) | 15 (5.95)  | 14 (5.56)  | 252 (100.00) |