Supplementary material 2. Trend in medical cost of cataract surgery from 2016 to 2020

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| 　Millions of US Dollarsa | 2016 | 2017 | 2018 | 2019 | 2020 | Difference 2016-2020 (%) |
| Total medical cost (α) | 421.1  | 502.2  | 645.8  | 875.9  | 1,130.9  | 168.6  |
| NHIS covered cost (β) | 354.9  | 380.4  | 428.8  | 510.4  | 580.2  | 63.5  |
| NHIS reimbursed cost (βA) | 285.2  | 305.7  | 344.7  | 410.7  | 466.1  | 63.4  |
| Coinsurance (βB) | 69.  | 74.7  | 84.1  | 99.7  | 114.0  | 63.7  |
| PHI covered cost (γ) b | 66.2m  | 121.7  | 217.0  | 365.5  | 550.8  | 731.8 |
| Medical cost per cataract surgeryc (α’) | 887  | 998  | 1,191  | 1,377  | 1,740  | 96.1  |
| NHIS covered cost per cataract surgery (β’) | 747  | 756  | 791  | 802  | 893  | 19.4  |
| NHIS reimbursed cost per cataract surgery (βA’) | 600  | 608  | 636  | 646  | 717  | 19.3  |
| Coinsurance per cataract surgery (βB’) | 147  | 149  | 155  | 157  | 176  | 19.7  |
| PHI covered cost per cataract surgery (γ’) | 140  | 242  | 400  | 575  | 847  | 505.0 |
| NHIS, National Health Insurance Service; PHI, Private health insuranceaAll medical cost calculated in US dollarsbData on total reimbursement by supplemental PHI for cataract surgery from 2016 to 2020 opened by Korea Insurance Research Institute (2021.7.)cCost per cataract surgery was calculated by dividing the total cost by the number of surgeries.All costs were converted from KRW to USD based on the exchange rate as of December 1, 2021 (1 USD = 1,176.93 KRW). |