Obstetrics and Gynecology in Indonesia and Its Challenges in the Near Future

Noroyono Wibowo

Indonesia’s vast and various characteristics of its social, economic, and geographic conditions affect variations in service needs in the field of Obstetrics and Gynecology, which bring about several great challenges to face.

There has not been standardized electronic medical record system utilized by all obgyn practitioners in Indonesia. This leads to difficulty in access to real-time actual data about issues around OBGYN. In the absence of real-time accurate data, the issues put on the table is merely an assumption or an estimation. Thus, prioritization of problem solving is almost impossible, neither distribution of task force which serve as think tank centre for specific issues. As surveillance towards each disease is practically non-existent, disease management is performed impromptu rather than organized.

Being shackled by global mindset and concurrently forgetting local wisdom. One should not forget that variations in response to therapy and disease patterns are influenced by local behaviour, nutrigenomic, epigenetic, and environment. The preference of curative management instead of prevention, leading to insignificant decline in mortality and morbidity.

Big data will soon be a prerequisite in managing diseases, therefore understanding the use and the interpretation of artificial intelligence is imperative. In obstetrics, cases of Great Obstetrics Syndrome (GOS), consisting of preeclampsia, preterm labor, intrauterine growth restriction (IUGR), and gestational diabetes will remain dominant in services, followed by autoimmune and cardiac abnormalities. In gynecology, Polycystic Ovaries (PCO), endometriosis, myoma, and menstrual disorders will remain major issues, followed by the alternation between ovarian and endometrial malignancy.

Perkumpulan Obstetri Ginekologi Indonesia (POGI) has to stress the fact that humans, through their reproductive nature, are the main assets of the country, hence they have to be the main subject in drafting the state budget. Indeed, a nation with poor reproductive function, quality, and results will soon or later vanish, if not colonized.
REFERENCES


17. N. Halfon. (eds.), Handbook of Life Course Health Development, DOI 10.1007/978-3-319-47143-3_18