O-CARECLOUD: OVARIAN CANCER PATIENT MANAGEMENT SYSTEM ON CLOUD

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Ovarian cancer is the fifth common cancer among Malaysian women from all ethnicities. Ovarian cancer is not easy to detect early. Often women with ovarian cancer have no symptoms or show mild and non-specific symptoms, until the disease has reached an advanced stage. Researchers are exploring ways to improve the early detection of ovarian cancer. This includes exploring the usefulness of a trans-vaginal ultrasound, and of measuring levels of CA-125, a tumor marker that is often found in higher than normal amounts in the blood of women with ovarian cancer. In an effort to improve the quality of healthcare delivery to cancer patients, O-CareCloud for patient management system on cloud is providing the online availability of ovarian cancer patient's health record, to retrieve and storage data and management. This system is for department O&G of Hospital Serdang focusing on ovarian patient. The scope of our system focus on helping the doctors to access and diagnose the tumour from an ultrasound examination which the doctors can differentiate a fluid filled cyst, solid tumour masses and healthy tissues. Second the system identify by using the result of CA-125 Assay blood test which is to measure the level of CA-125, a tumour marker, in the blood. The system can be accessed by doctors in charged portably meaning anywhere and anytime.