<Supplement 1> Overview of Analysis Indicators

Catego-ries	National Quality Assessment Program of HIRA	Incentive Scheme for Quality Evaluation of Hospital Services[1]
Total	▪ Total 10 areas, 32 indicators	▪ Total 6 areas, 52 indicators
Inclusion Part	▪ Total of 7 areas, 18 indicators - (Acute disease) Coronary artery bypass graft, Acute stroke, Pneumonia - (Chronic disease) Chronic obstructive pulmonary disease, Hemodialysis - (Cancer disease) Colorectal cancer, Stomach cancer, Breast cancer, Lung cancer - (Pharmaceuticals) Number of drug items, Prescription rate of injections, Prophylactic antibiotics for surgery, Antibiotic prescription rate - (Intensive Care Unit, ICU) ICU, Neonatal intensive care unit - (Mental health) Psychiatric of medical assistance, Mental health hospitalization - (other) Anesthesia	▪ Total of 4 areas - Patient safety(37%), Quality of care (18%), Publicness(20%), Delivery system and support activities(11%)
Exclusion Part	▪ Total of 7 areas, 14 indicators - (Acute disease) Acute myocardial infarction - (Chronic disease) hypertension, Diabetes, Asthma - (Cancer disease) Liver cancer - (Other) Surgical volume, Case payment, Tuberculosis, Hospital standardized mortality ratio, Risk standardized readmission ratio, Dental root canal treatment - (Long-term care) Long-term care - (Patient experience) Patient experience - (Infertility treatment) Infertility treatment medical institution	▪ Total of 2 areas - Education and training(8%), R&D(6%)

Note 1: The rate of Incentive Scheme for Quality Evaluation(%) means weight.

Acknowledgements