Cycling Model for Safety Culture in Healthcare
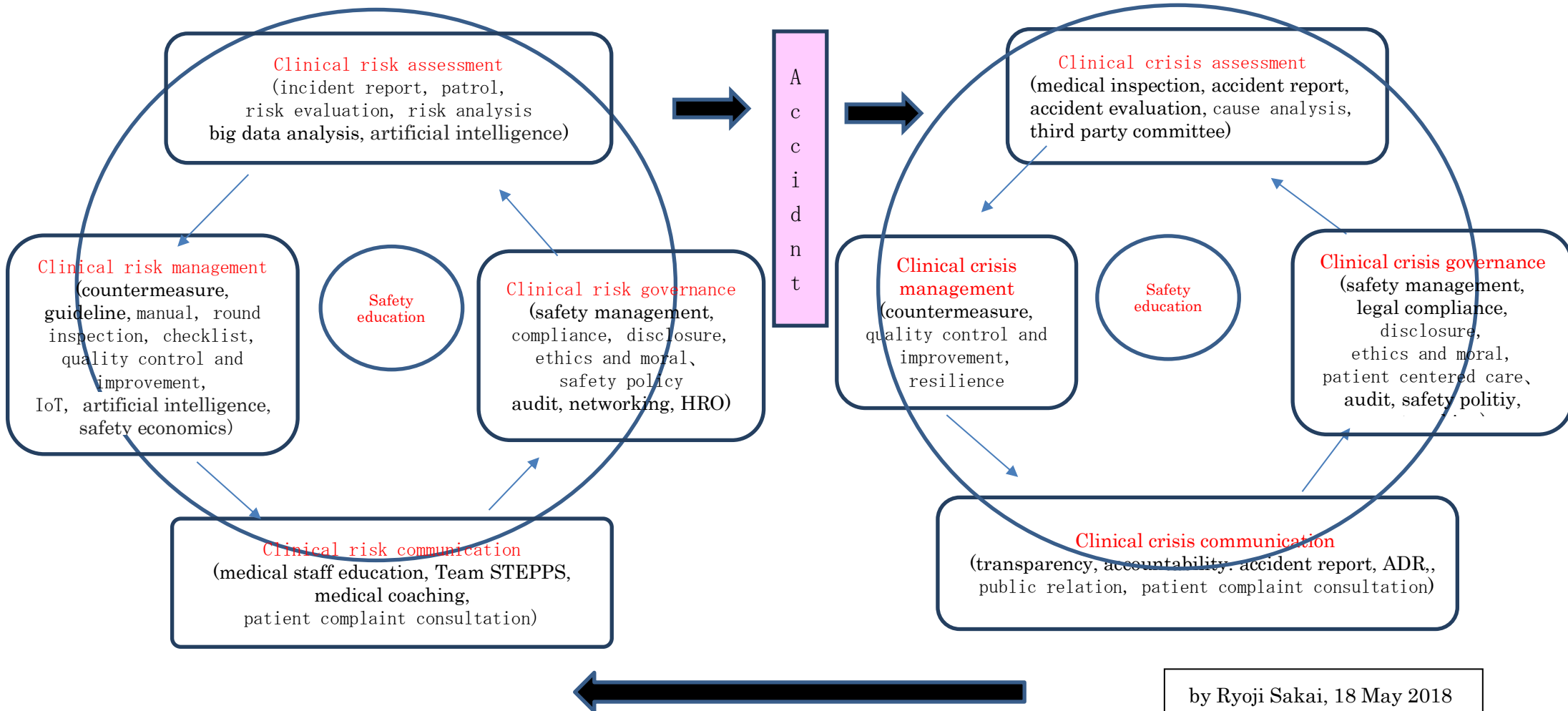
Front wheel

Rear wheel

Normal time (Prevention)

Crisis phase (Relapse prevention)

Clinical risk assessment
(incident report, patrol,
risk evaluation, risk analysis
big data analysis, artificial intelligence)

Clinical crisis assessment
(medical inspection, accident report,
accident evaluation, cause analysis,
third party committee)

Clinical risk management
(countermeasure,
guideline, manual, round
inspection, checklist,
quality control and
improvement,
IoT, artificial intelligence,
safety economics)

Safety
education

Clinical risk governance
(safety management,
compliance, disclosure,
ethics and moral、
safety policy
audit, networking, HRO)

A
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Clinical crisis
management
(countermeasure,
quality control and
improvement,
resilience

Safety
education

Clinical crisis governance
(safety management,
legal compliance,
disclosure,
ethics and moral,
patient centered care、
audit, safety politiy,

Clinical risk communication
(medical staff education, Team STEPPS,
medical coaching,
patient complaint consultation)

Clinical crisis communication
(transparency, accountability, accident report, ADR,,
public relation, patient complaint consultation)

by Ryoji Sakai, 18 May 2018