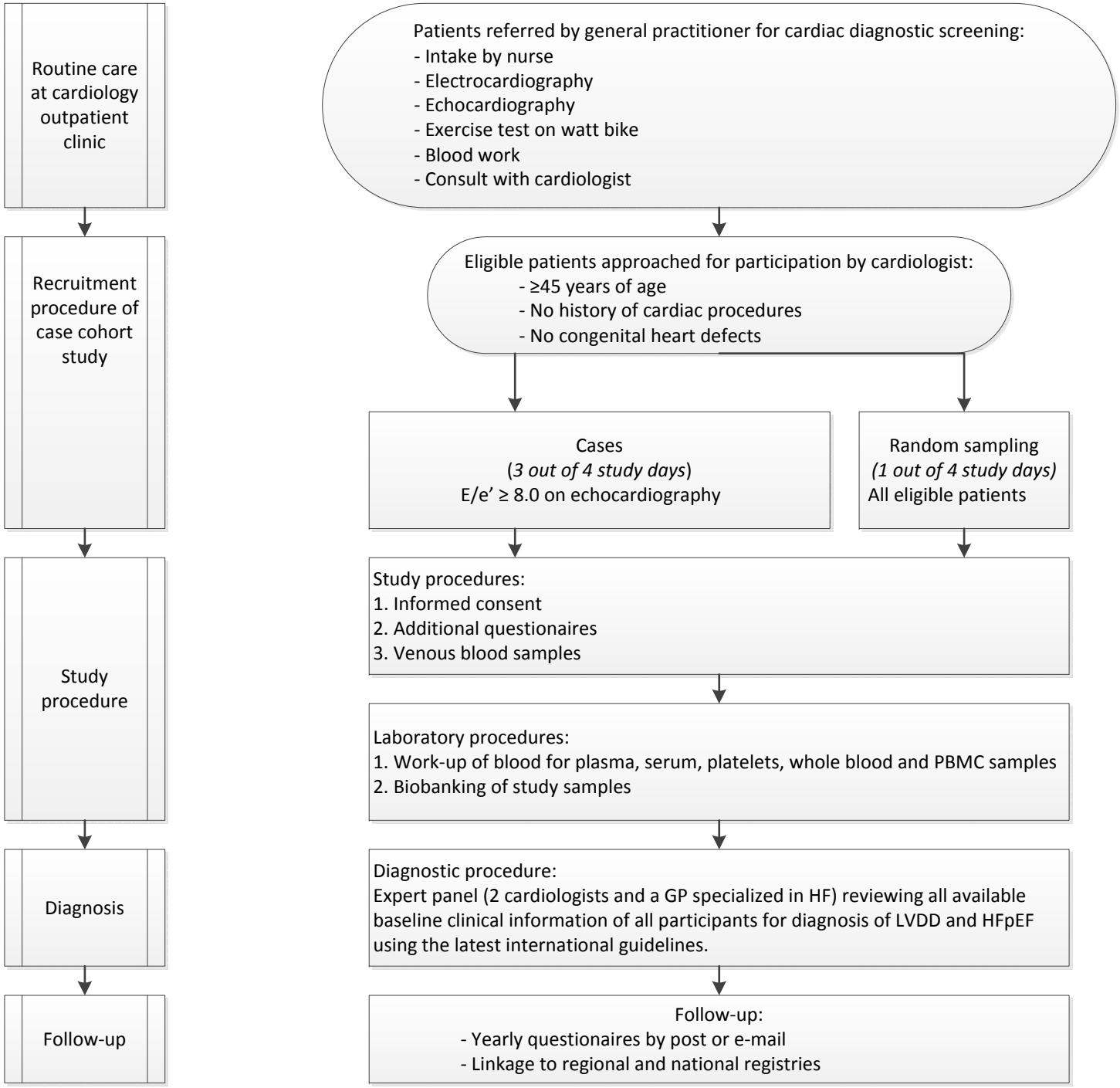
Routine care at cardiology outpatient clinic
Patients referred by general practitioner for cardiac diagnostic screening:
- Intake by nurse
- Electrocardiography
- Echocardiography
- Exercise test on watt bike
- Blood work
- Consult with cardiologist
Recruitment procedure of case cohort study
Eligible patients approached for participation by cardiologist:
- ≥45 years of age
- No history of cardiac procedures
- No congenital heart defects
Cases
(3 out of 4 study days)
E/e' ≥ 8.0 on echocardiography
Random sampling
(1 out of 4 study days)
All eligible patients
Study procedure
Study procedures:
1. Informed consent
2. Additional questionaires
3. Venous blood samples
Laboratory procedures:
1. Work-up of blood for plasma, serum, platelets, whole blood and PBMC samples
2. Biobanking of study samples
Diagnosis
Diagnostic procedure:
Expert panel (2 cardiologists and a GP specialized in HF) reviewing all available baseline clinical information of all participants for diagnosis of LVDD and HFpEF using the latest international guidelines.
Follow-up
Follow-up:
- Yearly questionaires by post or e-mail
- Linkage to regional and national registries