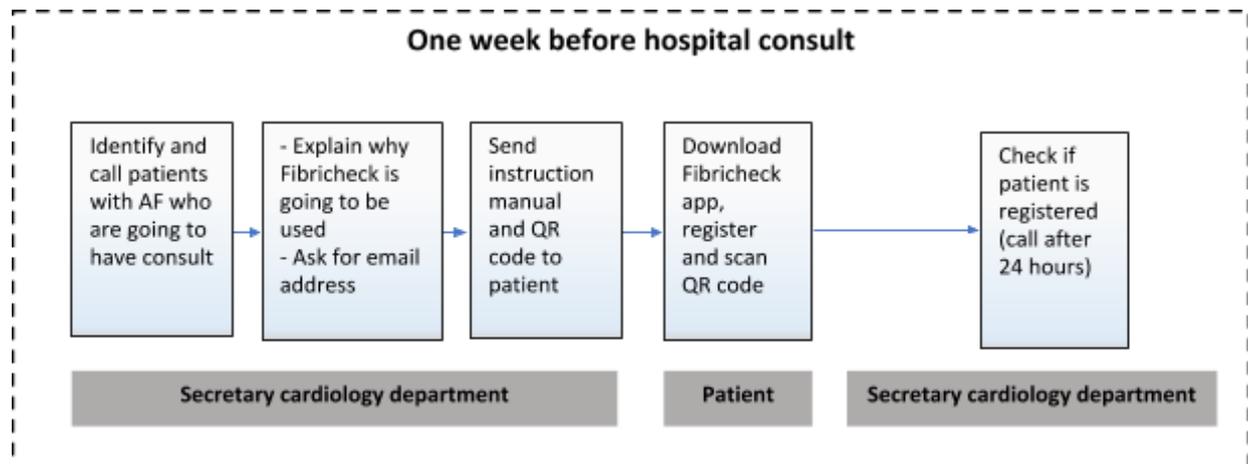


Background

Due to the COVID-19 pandemic, it is currently not possible / desirable to physically see stable patients with AF at the **hospital consult**. For this reason, the consultation is converted into a telephone consultation for all stable patients.

In order to obtain information about the heart rhythm and heart rate of the patient, we use the Fibrichk app. Using the camera of a patient's smartphone or tablet, this app makes a recording of the patient's heartbeat (PPG signal). These data help us to estimate the rhythm, any AF episodes, heart rate, patient symptoms, and correlation of symptoms with the rhythm. In this way, we can also guarantee continuity of care for patients with AF during the COVID-19 pandemic.

Method



Step 1. Who is eligible to use Fibrichk?

- ☐ all patients who have an appointment at the AF clinic * or post-PVI clinic and who have a smartphone or tablet, and an email address;
- ☐ selected patients who came from other consults (according to the treating physician's indication).

* AF clinic includes all patients diagnosed with AF, or suspicion of AF. The Fibrichk app is used by these patients to quantify AF burden, heart rate and the correlation with complaints.

Step 2. Telephone contact with the patient (performed by secretary / planning clinic)

Secretary / planning clinic contacts the patient 1 week prior to the start of the consult about:

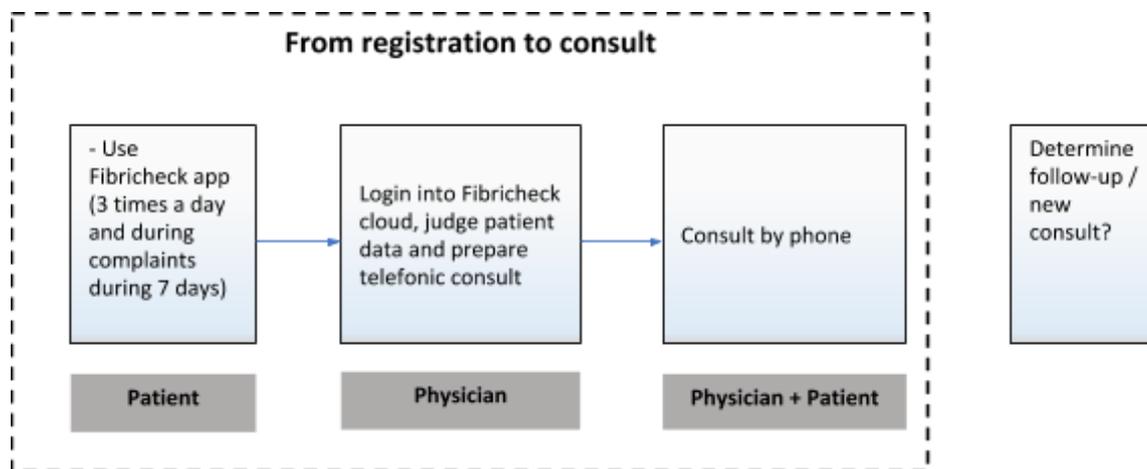
- Explanation of the situation: no physical consultations are possible in connection with the COVID-19 pandemic, the doctor will contact the patient by telephone on the scheduled day.
- Why Fibrichk: the physician has no information at this moment about your heart rhythm, so now we can use an app (Fibrichk) to determine the heart rhythm and frequency. You can download this app using your own mobile phone or tablet. After downloading the app, you need to create an account (instructions to be found in the app) and you can scan the code that we will send you by email.
- When to use Fibrichk: 3 times a day (morning, afternoon, evening) and additional registrations specifically for complaints, until the telephone consultation with the physician.

- Request e-mail details: patient's e-mail address is required to be able to send the manual with QR code to the patient.
Attached a standard mail that can be sent to the patient:
- Email manual including QR code to patient.

Step 3. Check within 24 hours after contact whether the patient has created an account and started taking measurements

(performed by secretary / planning clinic)

- ☐ log in to the cloud (<https://app.fibrichек.com>) with own username and password, check whether patients are registered and whether measurements have been started;
- ☐ in case no account has been created yet, please contact the patient;
- ☐ if you have problems with your account, please contact the coordinating center or FibrіCheck.



Step 4. Prepare consult using FibrіCheck data

(performed by physician)

- ☐ physician logs into the cloud with his own username and password;
- ☐ click on reports, these are automatically generated weekly and at the end of the registration period. If no report is created, go to "patients" -> select patient -> click reports at the left bottom -> and then click create report at the top right, choose desired report setting and the report will be created.

Step 5. Telephone consultation with patient

(performed by: treating physician)

- ☐ treatment is determined by physician
- ☐ To evaluate this new approach at the time of the COVID-19 pandemic, we would like to submit the following questions to the patient, the request to note these answers in the patient's EPR so that we have them available for research in the future.

For the patient:

Please answer the answers below with a score from 1-5, in which a score of 1 represents total disagree and 5 represents total agree.

1. I found the manual and installation of the FibriCheck app easy. (.../5)
2. I found the use of the FibriCheck app easy. (.../5)
3. I would like to use the FibriCheck app in the future. (.../5)
4. In the situation of COVID-19 pandemic, I like using the FibriCheck app so that my doctor has information on my heart rhythm and it gave me a safe feeling. (.../5)

For the Cardiologist/Electrophysiologist:

1. A face-to-face consultation is necessary: Y/N
 - a. Did the availability of FibriCheck impact the decision above? Y/N
2. Rate Control Medication adopted: Y/N
 - a. Did the availability of FibriCheck impact the decision above? Y/N
3. Rhythm Control Medication adopted: Y/N
 - a. Did the availability of FibriCheck impact the decision above? Y/N
4. Was an rhythm intervention planned Y/N
 - a. Did the availability of FibriCheck impact the decision above? Y/N
5. When is the following appointment planned _____ months
 - a. Is the following appointment planned as a face-to-face consultation? Y/N