

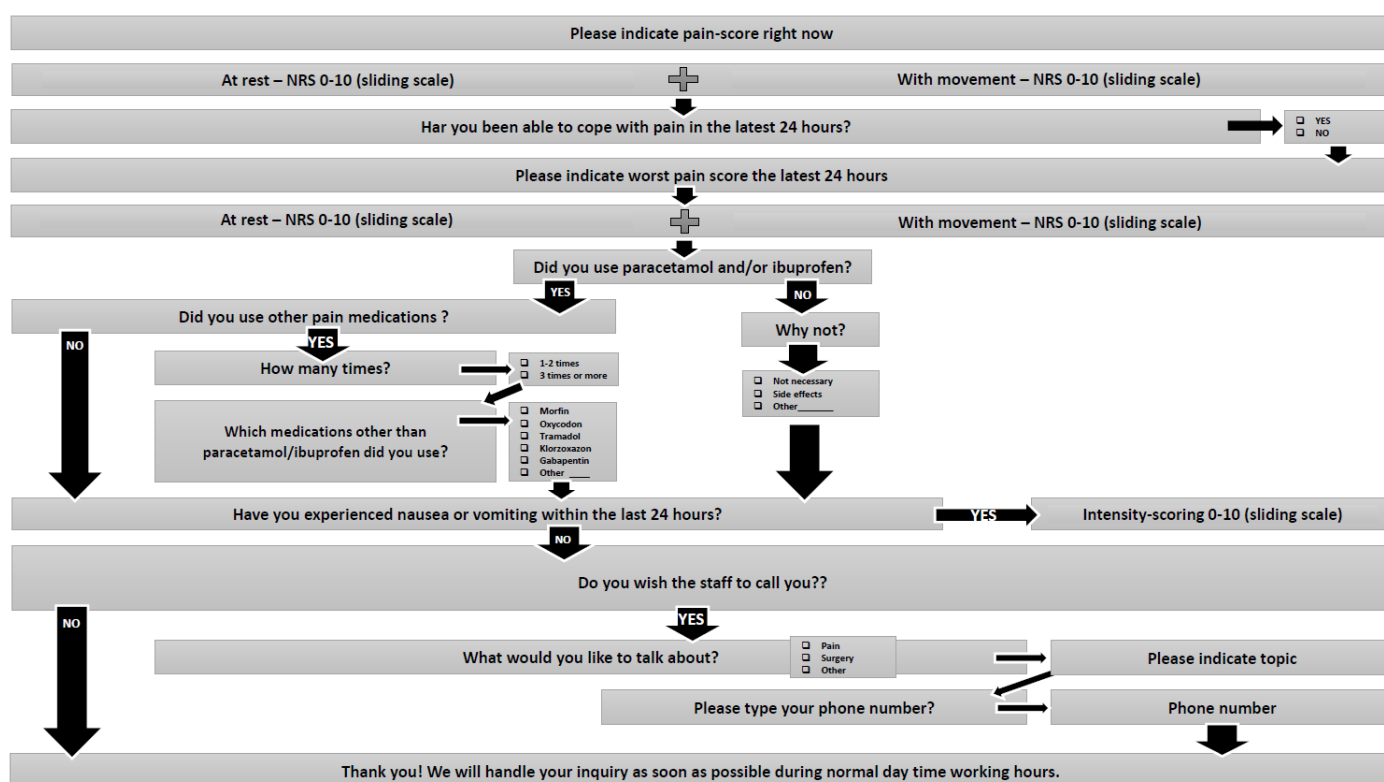
Appendix A: The structure of “MinSmerte” – the digital pain assistant

"MinSmerte" consolidates various features into a single assistant within MinSP, offering:

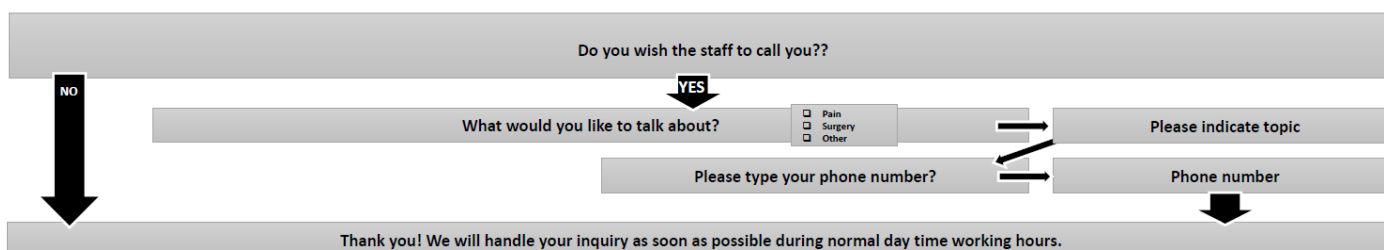
- Patient information and learning in the form of video-based guides on pain, pharmacological and non-pharmacological pain management, preparation for surgery and advice on prevention of postoperative constipation and nausea & vomiting (PONV).
- Baseline questionnaire on chronic pain, opioid use, anxiety disorders or depression, preoperative pain levels, and expectations on postoperative pain
- Daily follow-up questionnaire in the first 3 days after discharge, covering pain, coping, nausea, and analgesic use – see outline below.
- Option to request a phone call from staff up to 7 days after discharge.

The digital follow-up is automatically allocated and activated based on predefined criteria in the health and surgical planning system, "Sundhedsplatformen" with no additional staff-actions supposedly needed within the system.

Outline and algorithm of patient questionnaire on 1st, 2nd & 3rd postoperative day



Outline of patient Inquiry on 4th Through 7th postoperative day



Appendix B: Staff workflows and health chart procedures for allocation and follow-up

Day	Pre-surgical visit	2 days prior to surgery	Day of surgery	1. day after discharge	2.-7. Day after discharge	Workflow descriptions & manuals
Patient context	In ambulatory Office	At home	In hospital	At home	At home	Manual on how to download, authorize activate the application “MinSP” Information about the follow-up feature Hand-out cards with contact details for technical support
Digital pain assistant	Automatically allocated as part of surgery booking, when booking and patients meet defined inclusion criteria	Application feature opens with information video and baseline questionnaire	Closed while the patient is in hospital	Open Daily Questionnaire and Information-videos	Open Daily Questionnaire and Information-videos	Closes automatically 7 days after surgery
Ambulatory nursing staff	Inform patients about the digital solution. Hand out written manual and information material Inform about technical support				Screen all questionnaires. Respond to abnormal answers by phone or messaging. Document contact in health chart	Electronic Workflow described in detail in manual Call-list for backup by a surgeon described and authorized by management
Day care nursing staff			Make sure patients have activated app. Remind patients about the follow up before discharge. Inform about technical support	Screen all questionnaires. Respond to abnormal answers by phone or messaging. Document contact in health chart		Electronic Workflow described in detail in manual Call-list for backup by a surgeon described and authorized by management
SP task	Correct case-booking		Correct admittance and discharge workflows completed			