

Operationalizing the PMMR standardized framework to manage patients on TKIs for non-small cell lung cancer (NSCLC)

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KEY MESSAGE

A standardized **Prepare • Monitor • Manage • Reassess** framework closes the follow-up gap for TKI-treated NSCLC patients, giving every care team the same script.

01 INTRODUCTION

Targeted-agent (TA) use often reduces in-person follow-up, leading to under-managed adverse events (AEs).

Using a standardized template approach can improve patient self-management, caregiver, and healthcare provider (HCP) care, especially in settings when different team members (medical trainees, nurses, and pharmacists) perform patient AE education and management.

02 METHODS

- 1 Prepare, Monitor, Manage Reassess (PMMR)** framework (PMID:38554546; PMID:40714367) at Princess Margaret, Cancer Centre, Canada to develop HCP AE management TA tools/templates.
- “Prepare/Monitor” AE templates** were developed and incorporated into the Electronic Medical Record (EMR).
- A complementary “Manage/Reassess” guideline was created separately to support nursing decision-making.

03 RESULTS

Figure 3. HCP guides specific to TAs- the example below is for osimertinib

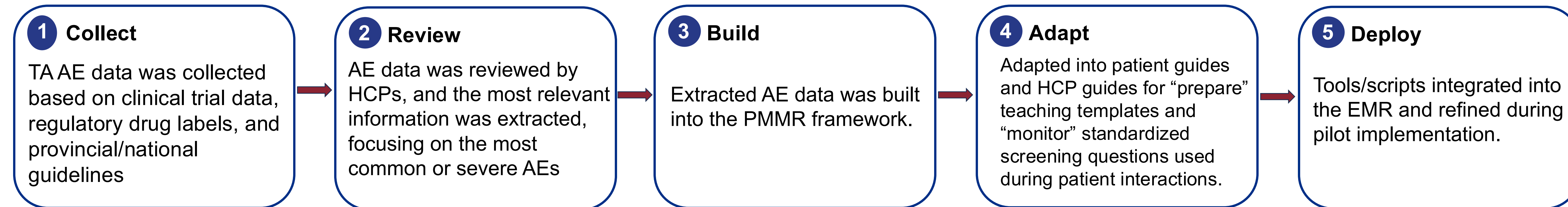


Figure 2. Patient education guides specific to TAs- the example below is for osimertinib



Figure 3. HCP guides specific to TAs- the example below is for osimertinib

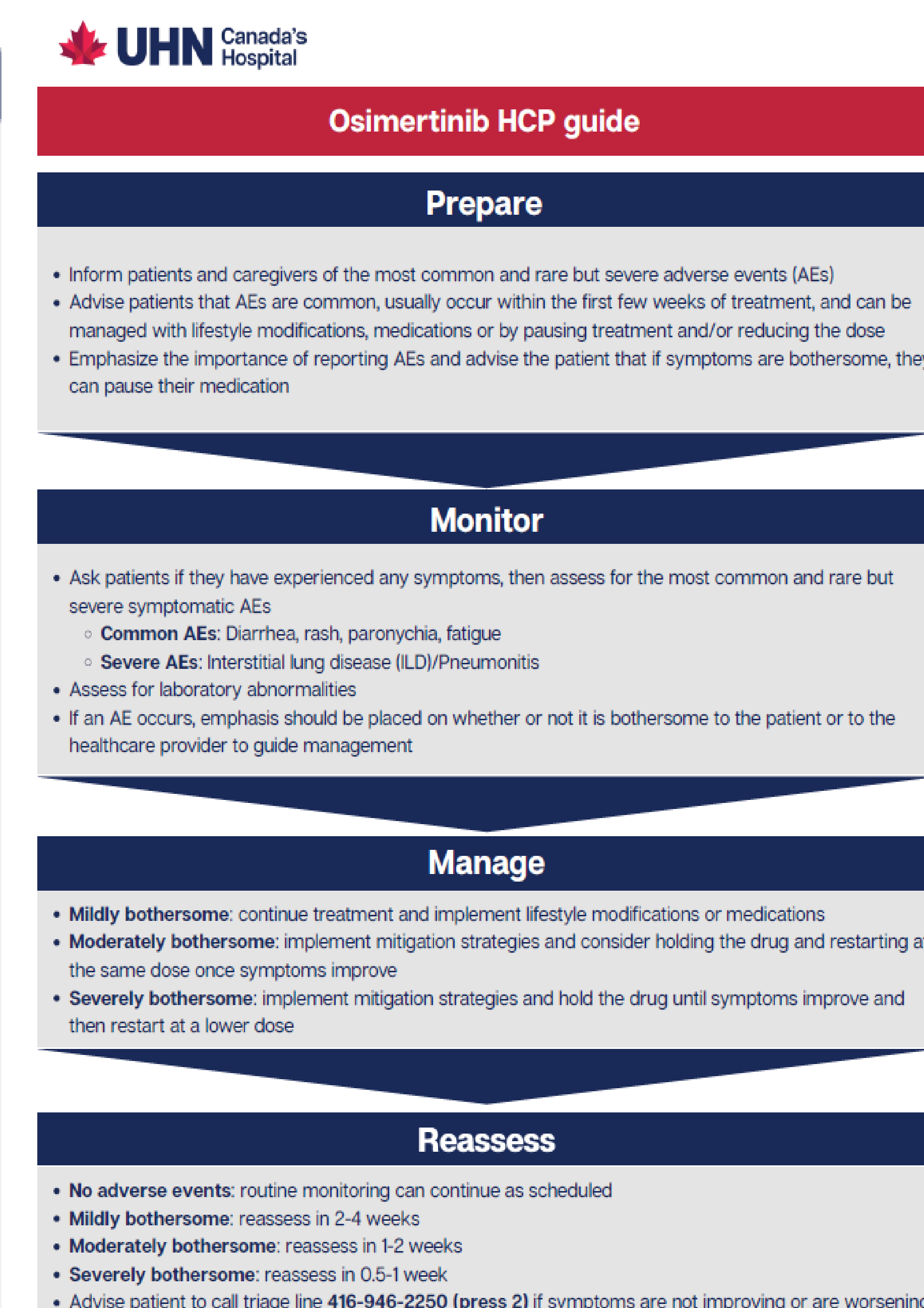


Figure 4. EMR "prepare" digital templates for HCPs to standardize documentation and assessment

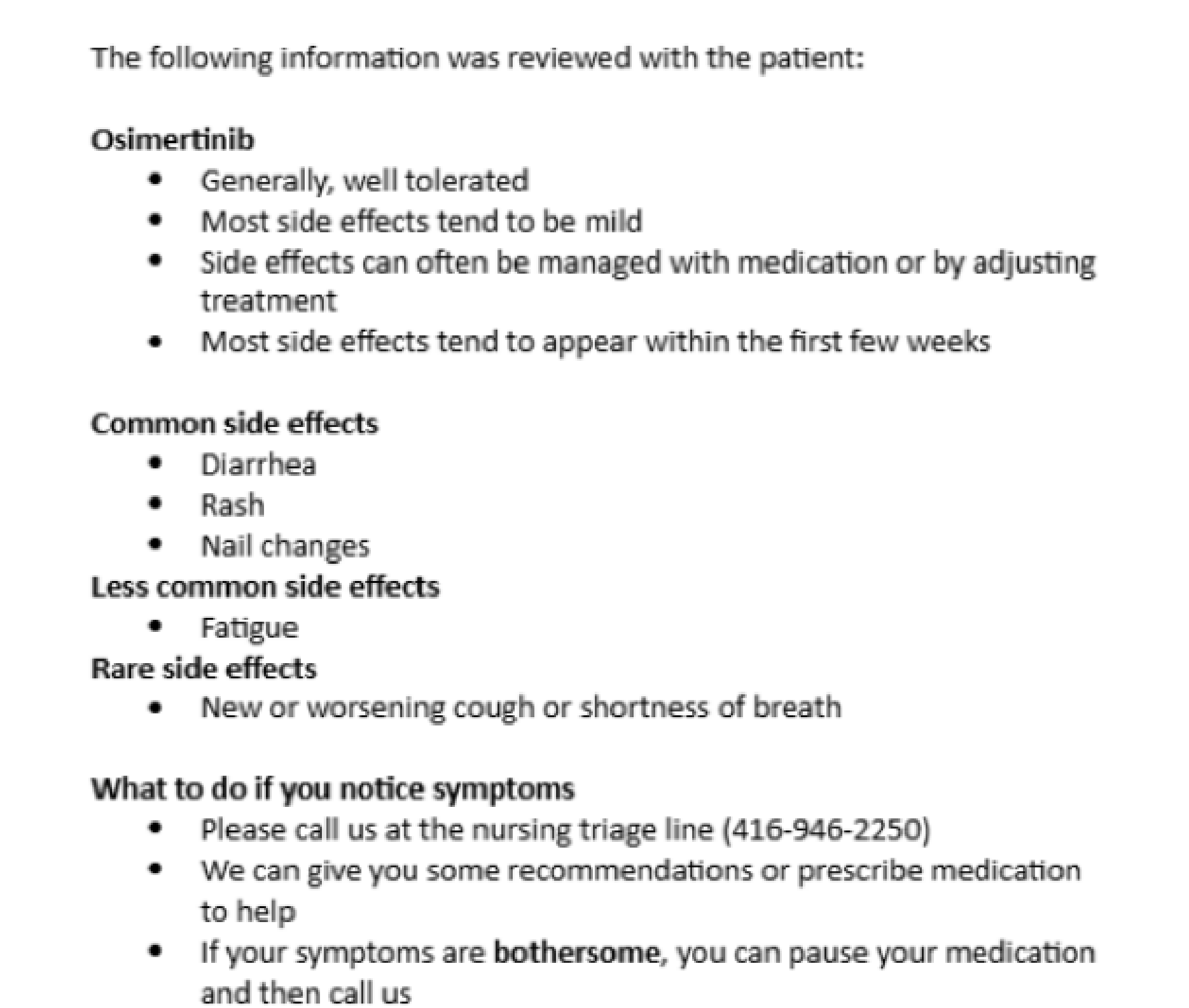
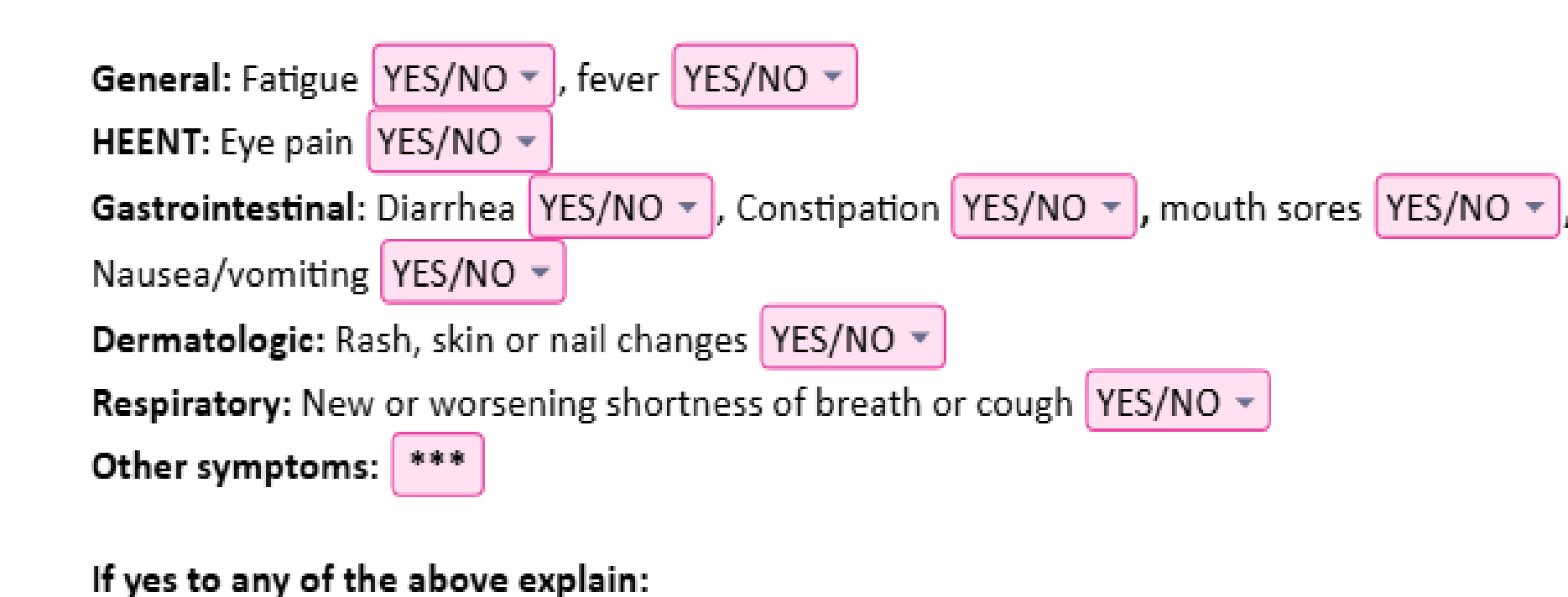


Figure 5. EMR "monitor" digital templates for HCPs to standardize documentation and assessment



04 DISCUSSION/ FUTURE

To further enhance adherence and treatment efficacy, future directions include:

➤ INTEGRATE

Integrate standardized assessment criteria into the EMR to support consistent nursing assessment and documentation.

➤ DEVELOP

Develop a PMMR-enabled remote patient monitoring application to enhance adherence and follow-up.

➤ PROVIDE

Provide standardized patient education templates through digital nursing resources.

➤ TRAIN & STANDARDIZE

Train and encourage nurses to use EMR-integrated templates to standardize patient education, assessment, and documentation.