# ePRO Reporting Tool Functional Requirements Guide

This guide provides a list of possible ePRO Reporting Tool functional requirements related to guidelines in the Reporting section of the ePRO toolkit. Further details regarding each item are provided in the Reporting section of this toolkit and in the Recommended Resources section.

This tool may be useful to committed or individuals charged with:

* ePRO reporting system selection
* Customizing ePRO reporting systems
* Addressing situational challenges/issues with the capabilities of existing ePRO reporting systems

## Human Factor Considerations for ePRO Reports

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| --- | --- |
| Guideline | Considerations |
| 24- Model clinical use of ePRO reports | Have any User Centered Design methods been used to model users, contexts, and workflows? If yes, what are the resulting key considerations for system selection and report design? |

## Assessment of ePRO Reporting System Functional Requirements

| Guideline | Function | Priority (Required/ Optional) | Included in system (Yes/No/ Customization) |
| --- | --- | --- | --- |
| 15 - Automate to improve ePRO workflow | Auto-populates fields based on patient EHR data or other previously collected data (e.g., intervention type/date)   |  |  |
| 15 - Automate to improve ePRO workflow | Calculates PRO scores, sub scores, and associated statistics   |  |  |
| 15 - Automate to improve ePRO workflow | Archives PRO scores to be retrieved at a later date   |  |  |
| 15 - Automate to improve ePRO workflow | Automates patient reminders for PRO collection   |  |  |
| 15- Automate to improve ePRO workflow | Automates patient messages and directives (e.g., care instructions based on PRO scores)   |  |  |
| 15 - Automate to improve ePRO workflow | Automates orders by supplying smart sets of ePROs to be delivered to the patient that adapt to the specific provider or patient situation (e.g., conditional automation)   |  |  |
| 16 - Customize to enhance usability | Allows some degree of user (provider) customization for reports (e.g., tailored dashboards, graph type displayed)  |  |  |
| 17- Include drill down or up capacity | Accommodates drill up and drill down to various levels of PRO data (e.g., overall score to subscore and item responses)  |  |  |
| 18 - Provide means to filter PRO data | Accommodates data filtering (e.g., by demographics, health outcomes) to retrieve specified subsets of patient ePRO data  |  |  |
| 19 - Integrate PRO and clinical data platforms  | Accommodates ePRO and clinical data integration by importing data from the EHR in ePRO reports |  |  |
| 19- Integrate PRO and clinical data platforms  | Accommodates ePRO and clinical data integration by embedding ePRO reports within the EHR |  |  |
| 20- Accommodate multiple platforms | Supports print friendly format of ePRO reports.  |  |  |
| 20- Accommodate multiple platforms | Supports access of ePRO reports via desktop/laptop computers |  |  |
| 20- Accommodate multiple platforms | Supports access of ePRO reports via Tablet computers  |  |  |
| 20- Accommodate multiple platforms | Supports access of ePRO reports via Smartphone |  |  |