# ePRO Report Design Checklist

This checklist contains key design considerations (content and presentation) to gather from each clinic/site regarding ePRO Report needs and preferences. 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:

* Determining clinical needs and preferences for ePRO report design
* Informing ePRO report design standards for an enterprise system

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| Planning Checklist | |
| Clinic Name |  |
| Designer Name |  |
| Clinic Informant (s) (those consulted) |  |
| Review Date |  |

## ePRO Report Content Requirements

| Guideline | Content Need | Notes |
| --- | --- | --- |
| 11 - Display most useful statistical presentation | What are the most useful/clinically relevant ways to represent PRO scores used by the clinic (e.g. raw score, subscores etc.)? |  |
| 11 - Display most useful statistical presentation | What statistical elements could enhance interpretation of the scores and clinical decision making (e.g., baseline, quartile)? |  |
| 12 - Provide longitudinal PRO Information | Are clinical decisions best supported by longitudinal visualizations?  If yes,   * What is the time span to be shown on the report? * How should missing data be represented? * Should the report designate pre and post intervention? * Reinforce that trend lines are *generalities rather than precise representations of every change in patient status.* |  |
| 13 - Provide comparative PRO Information | Are clinical decisions best supported by visualizations that provide comparison of individual/group PRO data to another, related group?  If yes,   * What are appropriate comparative benchmarks (e.g., standardized expectations of outcomes and/or population data sets)? * Are filters needed to extract appropriate comparative groups from existing data sets? * Would the inclusion of patient/ comparative group characteristics facilitate the understanding and interpretation of results? |  |
| 14 - Augment PRO data with contextual information | What contextual information is needed to enhance the usefulness of the report ?   * Clinical (e.g., MCID, logistic information regarding date/time of score or intervention, results of labs)? * Interpretative aids (e.g., legends, scale anchor labels, indications of status improvement or decline) |  |

## ePRO Report Visual Requirements/ Standards

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| --- | --- | --- |
| Guideline | Visual Requirements/ Standards | Notes |
| 21 - Visually enhance key information | What visual cues (e.g., color, bold, size) should be used to highlight and draw attention to:   * Scores outside of a target range * Severity of scores * Scores requiring attention and potential clinical action * A significant change in scores |  |
| 22 -  Provide simple and familiar graphs | Can reporting needs to support patient communication and decision making be met through the use of familiar, simple graphs (e.g., bar charts, line graphs) ?  If yes,   * Which graphs would be most appropriate to the context? * Are providers aware of any loss of precision due to graphic representation? |  |
| 23 - Organize display of multiple visualizations | What is the preferred and most useful centralized display of ePRO visualizations (e.g, menus, tabs, dashboards)? |  |