**Supplementary material 6. HIBOOT functionalities and content**

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| Functionalities and content | First version | Current version | Comments |
| Available treatments  | Methotrexate, TNF blockers, tocilizumab, abatacept, rituximab | Methotrexate, TNF blockers, tocilizumab, abatacept, rituximab, tofacitinib, baricitinib, ustekinimab, secukinumab | Including new DMARDs depended on the availability of the French Society of Rheumatology recommendations  |
| Home page  | • | •• |  |
| Treatment reminder | • | •• | Optional in current version  |
| Treatment changes (type and ranges) | • | •• |  |
| Checklist before administrating treatment  | • | •• | Optional in current version |
| Information on daily risk situations  | • | •• | New risk situations due to new treatments inclusion and patients’ requests in current version  |
| General information et messages  | • | •• | New information in current version including COVID-19\*  |
| Self-assessment  | • | •• | Interface more friendly in current version  |
| Other treatment monitoring  |  | •• | Patients can add all their treatments |
| Medical appointments  |  | •• |  |
| Blood test appointments |  | •• |  |
| Other kinds of appointments  |  | •• |  |
| Treatment orders  |  | •• |  |
| Personal comments, events, memos  |  | •• | Patients may add all their personal comments concerning their life and disease  |

• availability in the first version. •• modified or added in the current version. \*Information on COVID-19 could not be pursued on Android after June 2020 because of cancellation by Google. \*\* user: individual using the app once a month or more

TNF, tumor necrosis factor