

Long-term extension (LTE) studies in Rheumatology

Dear Taskforce Member,

Please find below a survey on the design and reporting of long-term extension (LTE) studies as part of your task as a panel member.

The two main objectives of the survey are:

1. To define the items that should be included in a recommendation document.
2. To establish the level of agreement of statements in the document.

Your considered opinion is crucial to the successful outcome of this project.

Please read each section carefully before answering. You will be asked to answer specific questions (with graded response). There will also be the opportunity to include free text and comment.

We would like to emphasise that there are no absolute wrong or right answers. At the end of the survey, you will have available an open-ended box for comments.

The survey is reasonably detailed and is likely to take 30 minutes to complete. Please make sure that you do not leave the survey half completed.

If you do not feel sufficiently familiar or confident to answer any of the questions, please leave it blank.

Maya Buch, Marteen Boers, Lucia Silva, and Loreto Carmona

Long-term extension (LTE) studies in Rheumatology

Aspects to be dealt with in the taskforce

1. How important do you feel it is for opinions of each of the following stakeholders to be included in the taskforce final document?

Please choose the most appropriate form of involvement for each individual

	None	Offer to provide comment on the final document	Offer to provide comment on one or more drafts	Participation in the taskforce
An industry representative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An administration (FDA, EMA) representative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A contract research organisation representative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

2. How important do you feel it is for each of the following items to be included in the taskforce final document?

Please grade the level of priority or importance (0 = very low; 10 = extremely important)

	0	1	2	3	4	5	6	7	8	9	10
A reference to the STROBE guidelines for reporting observational studies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A definition of LTE studies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A paragraph on the strengths and limitations of LTE Studies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A checklist with minimal data the study should collect	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommendations on how to build a flow chart of the study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommendations on how to analyse the data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommendations on how to report the results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethical comments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there other items or aspects that the taskforce / document should address?

Long-term extension (LTE) studies in Rheumatology

Definition of a long-term extension (LTE) study

The definition of a LTE study is in itself not clear and remains to be established. Several areas warrant consideration when determining the definition, such as design, length of study and the population that should be studied.

For the following statements on the definition of a LTE study, please grade your level of agreement (0 = none to 10 = maximum).

3. STUDY DESIGN DEFINITION

Please rate your level of agreement (0 = none; 10 = maximum)

(Options may overlap)

"A long-term extension study is any study that..."

	0	1	2	3	4	5	6	7	8	9	10
...follows patients beyond the pre-specified RCT period	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...follows patients beyond the pre-specified RCT period, on condition that all patients entering the original trial are accounted for	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...follows a placebo-controlled study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...follows an active-comparator study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...follows a placebo-controlled study in which patients start the experimental treatment either as a result of randomised allocation or crossover after placebo treatment; and only patients on experimental treatment are followed beyond the pre-specified trial period	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...follows all patients beyond the pre-specified trial period whether the trial was: A) a placebo-controlled RCT with the possibility to cross-over to open label drug; OR B) a placebo-controlled RCT with the possibility to cross-over to usual care; OR C) an active comparator trial	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Can you think of a better definition of the design of a LTE study? If so, please include free text in the box below

4. MINIMUM LENGTH of LTE STUDY

Towards defining the minimum length of a long-term extension study, which of the following 2 options would you choose as the starting point of a LTE study?

- Start is on completion of the pre-specified RCT period
- Start is at the point of cross-over or switch of therapy as allowed in the RCT

Long-term extension (LTE) studies in Rheumatology

5. Using your preferred starting point, how many YEARS should a LTE study last?

- up to 12 months
- 13-24 months
- 25-36 months
- More than 3 years
- The minimum length of an LTE need not be defined

Combining questions 4 and 5, can you think of a better definition of the length of a LTE study? If so, please include as free text in the box below

Long-term extension (LTE) studies in Rheumatology

Patients that should be included in a LTE

6. PATIENT POPULATION

What patient population should a LTE study inform us on and therefore be included in such a study?

Please rate your level of agreement with the following statements (0 = none; 10 = maximum)

	0	1	2	3	4	5	6	7	8	9	10
Should include all patients initially included in the RCT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Should include only those patients who achieved remission during the RCT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Should include only those patients who achieved remission or a low disease-activity (LDA) state during the RCT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
May include patients with any level of disease activity on completion of the RCT (remission, LDA or moderate-high disease activity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Can you think of a better definition of the patient population that should be included in a LTE study? If so, please include as free text in the box below

Long-term extension (LTE) studies in Rheumatology

Potential problems of LTE studies

LTE studies raise other issues and concerns that may also be worth including in the final document.

7. For each of the following statements illustrating POTENTIAL CHALLENGES of a LTE study, please grade your level of agreement to mention in the final document (0 = none to 10 = maximum)

	0	1	2	3	4	5	6	7	8	9	10
Rare safety events may not be detected for reasons other than the length of observation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Since LTE are largely supported by pharmaceutical companies, the potentially limited access to data linkages (which are important for long-term observations) may further question the overall benefits of such studies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LTE studies may be extremely costly making them difficult to justify	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Even if all patients in an RCT were entered into an LTE, such a study is generalizable only to patients with similar disease characteristics; many trial populations do not reflect patients seen in routine care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The definition of comparator groups in a LTE study may be difficult because of the absence of a clear null hypothesis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unwanted heterogeneity may result by wishing to accommodate countries where treatment options may be more limited (e.g. allowing patients with higher levels of disease activity to be recruited where otherwise inclusion is of patients in remission/LDA state only)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you believe there may be other challenges with a LTE study that have not been mentioned and would be worth including in the document, please list them below

8. The following statements illustrate potential SOURCES OF BIAS OR LACK OF GENERALISABILITY of a LTE study.

Please grade your level of agreement to mention in the final document (0 = none to 10 = maximum)

The inclusion of patients in a LTE study following completion of a RCT...

	0	1	2	3	4	5	6	7	8	9	10
...usually requires a certain level of response	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...may be influenced by the fact that the investigator is remunerated for each patient recruited	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...may be influenced by geographical differences in practice / approach (leading to differences in number and nature of patients included)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...may be influenced by the stage of the disease of the patient	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you believe there may be other sources of bias in a LTE study that have not been mentioned and would be worth including in the document, please list them below

Long-term extension (LTE) studies in Rheumatology

Objectives or potential uses of LTE studies

The investigative objective of LTE studies may not be clear to many observers.

For the following statements on justifiable outcomes of a LTE study, please grade your level of agreement (0 = none to 10 = maximum).

9. SAFETY

A long-term extension study...

	0	1	2	3	4	5	6	7	8	9	10
...may identify new adverse effects that the original RCT was not able to detect due to greater cumulative exposure to the drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...is not powered for rare adverse events and so should not be relied upon to detect safety signals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...may identify whether the incidence of known adverse effects show change with longer-term drug exposure (e.g. infection risk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...may confirm whether the nature of known adverse effects identified from the RCT changes with longer-term exposure (e.g. infection risk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...is inappropriate to detect rare safety events due to the inclusion of a selected population (responders with likely no previous adverse events)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. EFFICACY

	0	1	2	3	4	5	6	7	8	9	10
The greater cumulative exposure of the active drug in an LTE study may identify additional information on the drug's efficacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A LTE study may allow evaluation of relapse including time to relapse (for example, patients entering the LTE study having achieved an acceptable state, such as LDA or remission, on the active drug can be followed to assess sustainability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. ADDITIONAL OUTPUTS

Besides efficacy and safety, an LTE may allow...

	0	1	2	3	4	5	6	7	8	9	10
...economic evaluation of long-term treatment with the active drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...better Health-related quality of life (QoL) analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...better evaluation of the risk-benefit ratio and therefore overall advantage of the drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. In addition to the list above, what other outcomes do you think a LTE study may be able to identify?

Please include your comments in the box below

Long-term extension (LTE) studies in Rheumatology

Minimum amount of information a LTE study should include

This next section focuses on specific recommendations related to the conduct of LTE studies.

13. The following items are proposals for the minimal information a LTE study should collect.

Please grade your level of agreement (0 = none to 10 = maximum)

	0	1	2	3	4	5	6	7	8	9	10
The time of last observation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The functional status at the time of inclusion in the LTE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The functional status at last observation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The disease activity at the time of inclusion in the LTE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The disease activity at last observation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The reason for exclusion from the LTE study if the patient discontinues the drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The reason for cessation of follow-up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Specification of reasons for cessation of follow up other than adverse event or inefficacy, e.g. geographical or doctor related reasons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The progress at each stage from RCT start to LTE completion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The duration of active treatment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In addition to the list above, what other data do you think should be collected as a minimum requirement? Please provide comments in the box below:

14. Do you think the minimum data requirements should be different depending on whether the LTE study has followed a placebo-controlled or an active comparator trial?

- Yes
 No

If you answered 'yes', please describe what should be different.

15. FOLLOW-UP

Please grade your agreement with the following statement (0=none, 10= maximum)

	0	1	2	3	4	5	6	7	8	9	10
An LTE study that follows an active-comparator RCT should follow all randomised patients for the same period of time (not only patients on the experimental treatment)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Long-term extension (LTE) studies in Rheumatology

Analysis and interpretation

16. Regarding specific recommendations on the analysis of LTE studies, please rate your level of agreement to the statements below(0 = none to 10 = maximum) .

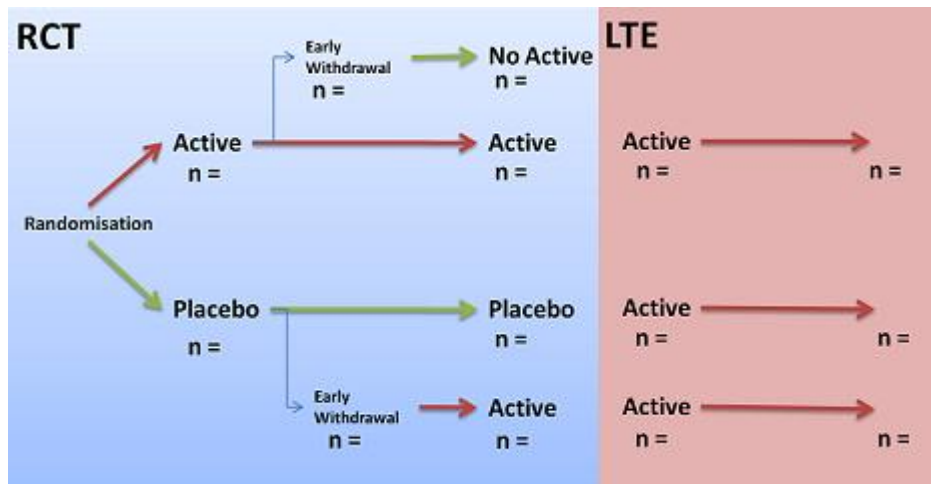
	0	1	2	3	4	5	6	7	8	9	10
The null hypothesis should be stated at the start	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The null hypothesis must be related to the results achieved in the original RCT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multiple comparisons should be taken into account when determining the level of statistical significance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The report should include details on how data for sustained effect was analysed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The plan for subjects that drop out of a LTE study should be specified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In a LTE study, the planned analysis of data to evaluate for sustained effect should be non-inferiority in nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The analysis of the data from a LTE study in rheumatoid arthritis (RA) should include the area under the curve of absolute disease activity (i.e. not response/change) preferentially expressed as a score (DAS, SDAI, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The analysis should include survival / retention rates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The analysis should include a pooled analysis from the original trial groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An LTE study should preferably include hard endpoints (e.g. death, work disability, joint replacement surgery, hospital admission) from linkages with other data sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The analysis of the data from a LTE study should take into account the dropouts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide any additional comments/points that need to be considered related to the analysis and interpretation of LTE study data in the box below.

Long-term extension (LTE) studies in Rheumatology

Reporting of LTE studies

Proposal of flow chart



Patients randomised to either group at the RCT may leave the trial early. Patients on the active arm may continue receiving the drug until the end of the RCT or discontinue it before ending. Patients on the placebo group may continue on placebo until the end of the RCT or start on the experimental drug before ending. At the start of the extension period two subgroups will be receiving the experimental drug and those in placebo may also commence active drug if they enter the LTE phase.

17. Please grade your level of agreement based on the flowchart above.

	0	1	2	3	4	5	6	7	8	9	10
All LTE reports must include a flow-chart on the progress of patients included	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grade your agreement with the flowchart above	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide additional comments on the flowchart in the space provided below:

Long-term extension (LTE) studies in Rheumatology

18. Regarding specific recommendations on how to report the results of LTE studies, please rate your level of agreement (0 = none) to (10 = maximum) for the following statements:

(Some of these statements overlap with those made earlier, but we are now asking your opinion on what should always appear in the report)

	0	1	2	3	4	5	6	7	8	9	10
The taskforce should develop and detail minimal standards that should be included when reporting a LTE study by means of a checklist	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The report of a LTE study should be consistent with and consolidate existing established guidelines including CONSORT and STROBE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The report of a LTE study should be consistent with the ACR/EULAR recommendations on the reporting of clinical trials in RA (Aletaha D, et al 2008)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A report of a LTE study should include a flow diagram detailing numbers at each relevant time-point	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LTE studies should provide the same information for all randomised patients in terms of quantity and quality, irrespective of the nature of prior RCT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For those patients entering the LTE study having achieved LDA or remission during the RCT, the sustainability of such disease states should be evaluated and made available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For those subjects that enter a LTE study not having achieved remission/acceptable disease activity state following the RCT, the number that achieve this during the LTE study should be reported – to determine whether longer drug exposure has the potential to improve disease state of such subjects further	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The drop-out rates from each arm during the original RCT and the cross-over groups should be available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
All drop-outs should be detailed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide any additional comments/points you believe may be relevant to the reporting of LTE

Long-term extension (LTE) studies in Rheumatology

19. Regarding the nature and frequency of reports from LTE studies, please rate your level of agreement (0 = none) to (10 = maximum) for the following statements:

	0	1	2	3	4	5	6	7	8	9	10
The taskforce document should comment on the frequency of the reports of LTE studies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The taskforce document should comment on the nature of reports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The results of a LTE study should be reported every year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The results of a LTE study should be reported every two years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The results of a LTE study should be reported every three years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The results of a LTE study should be reported annually to a maximum of 5 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The results of efficacy and safety of a LTE study should be reported together	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Separate reports for efficacy and safety results of a LTE study should be written	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The credibility of split reporting (e.g. one abstract on efficacy, one on safety, one on QoL etc) – is questionable and should be discouraged by abstract selection committees and journal editors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide any additional comments/points you believe may be relevant to the frequency or nature of LTE reports

Long-term extension (LTE) studies in Rheumatology

Ethics

20. Regarding specific recommendations on the ethical issues involving LTE studies, please rate your level of agreement (0 = none) to (10 = maximum) for the following statements:

	0	1	2	3	4	5	6	7	8	9	10
All of the subjects undergoing a RCT should be informed of the importance of long-term surveillance and be given the opportunity of entering in the long-term follow-up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The subjects included in a LTE study should sign a new informed consent form (different from the one for the RCT) for continuation of data collection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The subjects included in a LTE study should sign a new informed consent for continuation of drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The subjects included in a LTE study should update consent each year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you foresee other ethical considerations that should be considered in the document?

21. And finally, are there any remaining issues you would like to raise?

Thank you very much for your input!

We promise that next surveys will be much much shorter!