

Clinician Questionnaire for Assessing Reaction Picklists

Record ID

Provider ID

General Role

How long have you used the allergy module in EPIC?

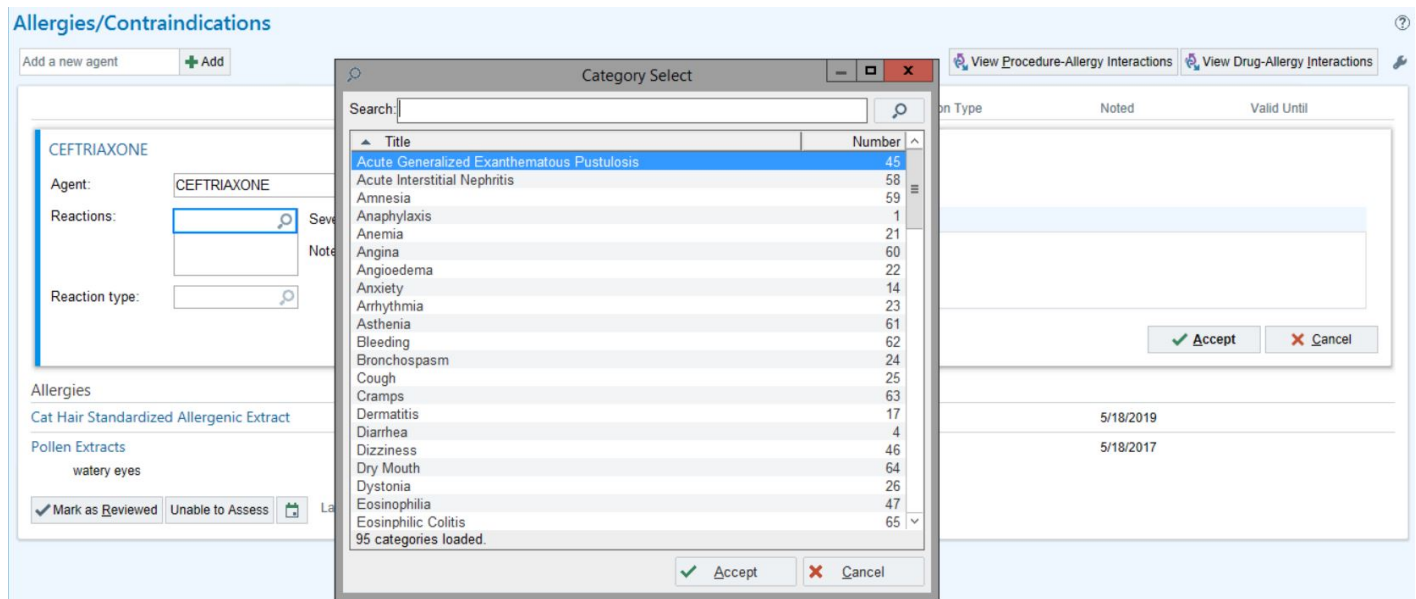
- ☐ 2+ Years
☐ 1-2 Years
☐ Less than a year
☐ Never

How frequently do you use the allergy module in EPIC?

- ☐ Daily
☐ Weekly
☐ Monthly
☐ Rarely
☐ Never

Current EPIC Reaction Picklist Questions

Here is an image of the current EPIC allergy module's reaction picklist. We describe this as a static picklist because the reactions that are shown to you do not change for specific drugs and are always listed in alphabetical order.



Overall, how would you rate your satisfaction with the current reaction picklist tool in EPIC?

- ☐ Highly dissatisfied
☐ Dissatisfied
☐ Neutral
☐ Satisfied
☐ Highly satisfied

How do you feel about the design and use of the current EPIC reaction picklist (static picklist) used for drug-allergy reaction documentation?

Are there ways you wish this reaction picklist in EPIC can be improved?

Questions about Free Text Entries

Image of Free Text Comments

The screenshot shows the 'Allergies/Contraindications' interface in EPIC. The 'Agent' field is set to 'CEFTRIAZONE'. The 'Reactions' field is set to 'Other (See Comments)'. The 'Severity' is 'High' and the 'Noted' date is '12/11/2020'. The 'Reaction type' is 'Allergy/Hypersensitivity'. A yellow box highlights the 'Comments' field, which contains the text: 'Patient developed erythematous maculopapular rash on prox extremities after administration of ceftriaxone in critical care unit'. Below the comment field are 'Accept' and 'Cancel' buttons. At the bottom, there is a table of existing allergies and a 'Last Reviewed' timestamp.

Reaction	Severity	Reaction Type	Noted	Valid Until
Cat Hair Standardized Allergenic Extract	Hives	Not Specified	5/18/2019	
Pollen Extracts	Other (See Comments)	Not Specified	5/18/2017	

waterly eyes

✓ Mark as Reviewed ✗ Unable to Assess Last Reviewed by Montana Nan, RN on 12/11/2020 at 9:57 AM (History)

Have you entered reaction information as free text into the comments area of the EPIC allergy module?

☐ Yes ☐ No

If yes, why do you enter reaction information as free text into the comments area of the EPIC module?

- ☐ It was easy/quick to enter as free-text
- ☐ I could not find the reaction from the reaction picklist
- ☐ I wanted to enter more specific details about the circumstance of the reaction (for example, how the reaction was treated)
- ☐ I wanted to communicate information about cross-reactivity or cross-sensitivity (for example, that an alternative drug was tolerated)
- ☐ Other

How frequently do you find the proper choice within the reaction picklist?

☐ Always
☐ Frequently
☐ Neutral
☐ Sometimes
☐ Rarely

How frequently do you need to enter more information about a reaction's circumstance as free text within the comment field?

☐ Always
☐ Frequently
☐ Neutral
☐ Sometimes
☐ Rarely

If other, briefly describe here.

The next sections ask about the new reaction picklist tools and about how they compare to the current EPIC allergy module's reaction picklist tool.

Static & New Dynamic Reaction Picklists: Mockups

Which reaction picklist is the participant completing first?

- ☐ Static
☐ Dynamic

How would you rate the STATIC reaction picklist tool for efficiency? By efficiency, we are interested in how the tool impacts the speed of your work flow.

- ☐ Very inefficient
☐ Inefficient
☐ Neutral
☐ Efficient
☐ Very efficient

How would you rate the STATIC reaction picklist tool for usability? By usability, we are interested in how easy this tool was for you to use.

- ☐ Very difficult
☐ Difficult
☐ Neutral
☐ Easy
☐ Very easy

How would you rate the STATIC reaction picklist tool for utility? By utility, we are interested in how useful you think the reaction picklist is to your work.

- ☐ Very useless
☐ Useless
☐ Neutral
☐ Useful
☐ Very useful

How would you rate the DYNAMIC reaction picklist tool for efficiency? By efficiency, we are interested in how the tool impacts the speed of your work flow.

- ☐ Very inefficient
☐ Inefficient
☐ Neutral
☐ Efficient
☐ Very efficient

How would you rate the DYNAMIC reaction picklist tool for usability? By usability, we are interested in how easy this tool was for you to use.

- ☐ Very difficult
☐ Difficult
☐ Neutral
☐ Easy
☐ Very easy

How would you rate the DYNAMIC reaction picklist tool for utility? By utility, we are interested in how useful you think the reaction picklist is to your work.

- ☐ Very useless
☐ Useless
☐ Neutral
☐ Useful
☐ Very useful

How would you rate the DYNAMIC reaction picklist tool for efficiency? By efficiency, we are interested in how the tool impacts the speed of your work flow.

- ☐ Very inefficient
☐ Inefficient
☐ Neutral
☐ Efficient
☐ Very efficient

How would you rate the DYNAMIC reaction picklist tool for usability? By usability, we are interested in how easy this tool was for you to use.

- ☐ Very difficult
☐ Difficult
☐ Neutral
☐ Easy
☐ Very easy

How would you rate the DYNAMIC reaction picklist tool for utility? By utility, we are interested in how useful you think the reaction picklist is to your work.

- ☐ Very useless
☐ Useless
☐ Neutral
☐ Useful
☐ Very useful

How would you rate the STATIC reaction picklist tool for efficiency? By efficiency, we are interested in how the tool impacts the speed of your work flow.

- ☐ Very inefficient
☐ Inefficient
☐ Neutral
☐ Efficient
☐ Very efficient

How would you rate the STATIC reaction picklist tool for usability? By usability, we are interested in how easy this tool was for you to use.

- ☐ Very difficult
☐ Difficult
☐ Neutral
☐ Easy
☐ Very easy

How would you rate the STATIC reaction picklist tool for utility? By utility, we are interested in how useful you think the reaction picklist is to your work.

- ☐ Very useless
☐ Useless
☐ Neutral
☐ Useful
☐ Very useful

Which reaction picklist would you prefer?

- ☐ Static
☐ Neutral
☐ Dynamic

Usability Metric for User Experience: New Static Picklist Tool

Please answer the following questions based upon your experience with the newly designed static reaction picklist tool.

This static reaction picklist tool's capabilities meet my requirements.

- ☐ 1 Strongly Disagree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Agree

Using the static reaction picklist tool is a frustrating experience.

- ☐ 1 Strongly Agree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Disagree

This static reaction picklist tool is easy to use.

- ☐ 1 Strongly Disagree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Agree

I have to spend too much time correcting things with this static reaction picklist tool.

- ☐ 1 Strongly Agree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Disagree

Usability Metric for User Experience: New Dynamic Picklist Tool

Please answer the following questions based upon your experience with the newly designed dynamic reaction picklist tool.

This dynamic reaction picklist tool's capabilities meet my requirements.

- ☐ 1 Strongly Disagree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Agree

Using the dynamic reaction picklist tool is a frustrating experience.

- ☐ 1 Strongly Agree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Disagree

This dynamic reaction picklist tool is easy to use.

- ☐ 1 Strongly Disagree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Agree

I have to spend too much time correcting things with this dynamic reaction picklist tool.

- ☐ 1 Strongly Agree
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ 7 Strongly Disagree

Free Text Comments & the New Picklist Tool

How do you think the dynamic reaction picklist will impact free-text reaction entries?

- ☐ Increase ☐ No change
☐ Decrease

Briefly describe your thinking about why the dynamic reaction picklist will increase free-text reaction entries.

Briefly describe your thinking about why the dynamic reaction picklist will not have any change on free-text reaction entries.

Briefly describe your thinking about why the dynamic reaction picklist will decrease free-text reaction entries.

Do you have any concerns about using the dynamic reaction picklist?

Accuracy

Thinking about your use of the dynamic reaction picklist, how often were the dynamic reaction picklist's suggested reactions appropriate?

- ☐ Never
☐ Seldom
☐ Sometimes
☐ Often
☐ Always

How do you perceive the dynamic reaction picklist will impact patient safety?

Overall Remarks

Is there anything else you would want this dynamic reaction picklist to do?

Is there anything else you would like to share with us about the allergy module within the electronic health record?
