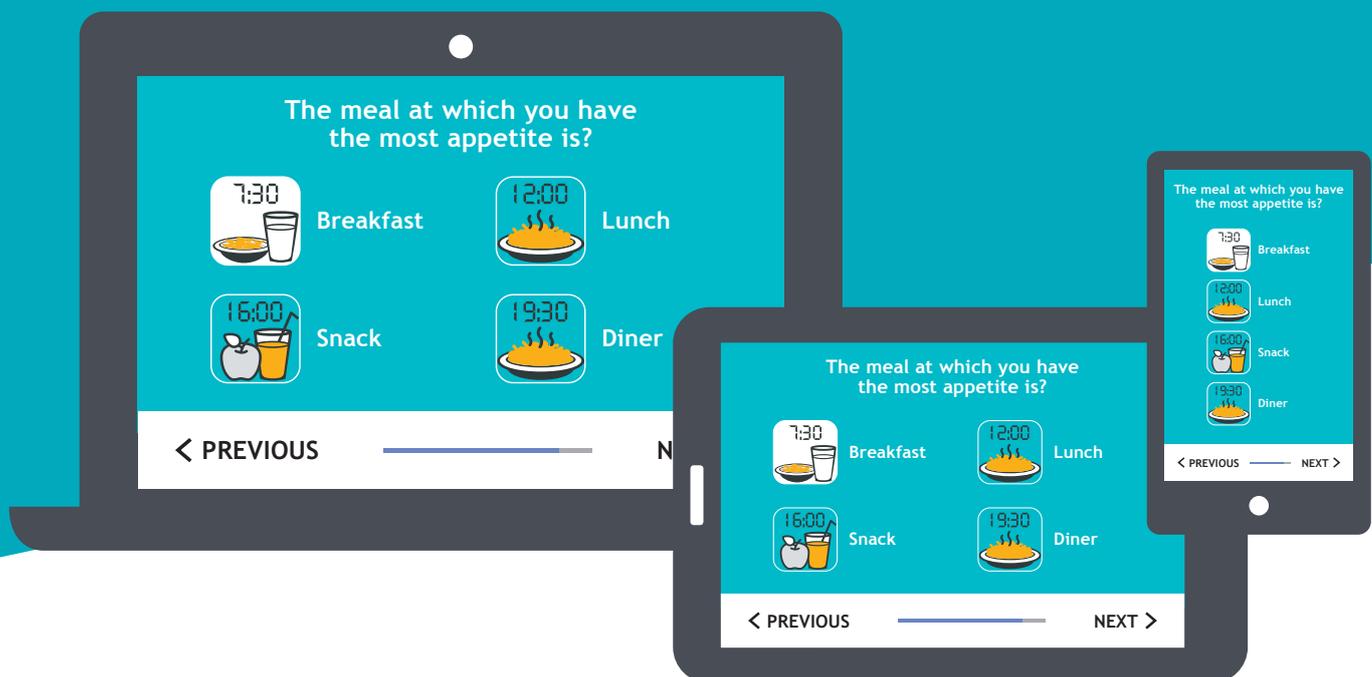


Customizing eCOA questionnaire design to improve the pediatric experience

Dedicated to improve patient experience in clinical trials, Kayentis' Clin'form solution offers the flexibility to customize questionnaire design with illustrations to better fit population preferences, especially to adapt to young patient populations.

Whilst providing a similar display on different devices (smartphone, computer, and tablet), we also want to ensure the real benefit of such customized questionnaires by collecting user feedback.

Kayentis-designed questionnaire:



Let's compare children's preferences between a "classic" questionnaire and an "illustrations" questionnaire

Could you place the level of the worst pain you think you have experienced?

0 1 2 3 4 5 6 7 8 9 10

▲ no pain at all ▲ very very bad

Similar to standard questionnaire

The meal at which you have the most appetite is?

7:30 Breakfast

12:00 Lunch

16:00 Snack

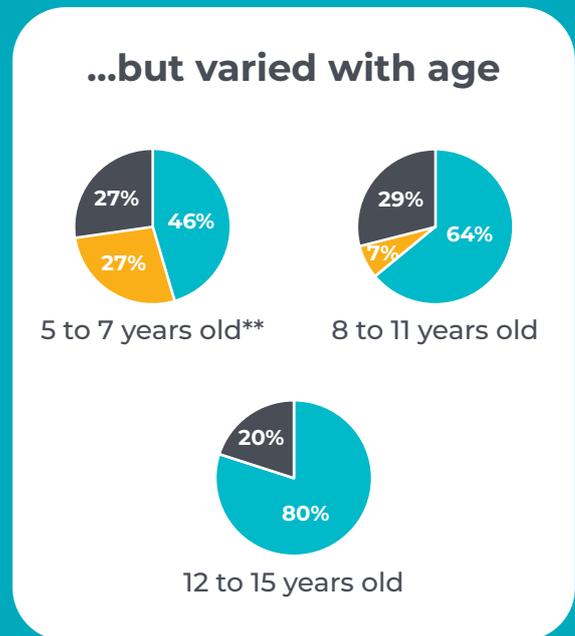
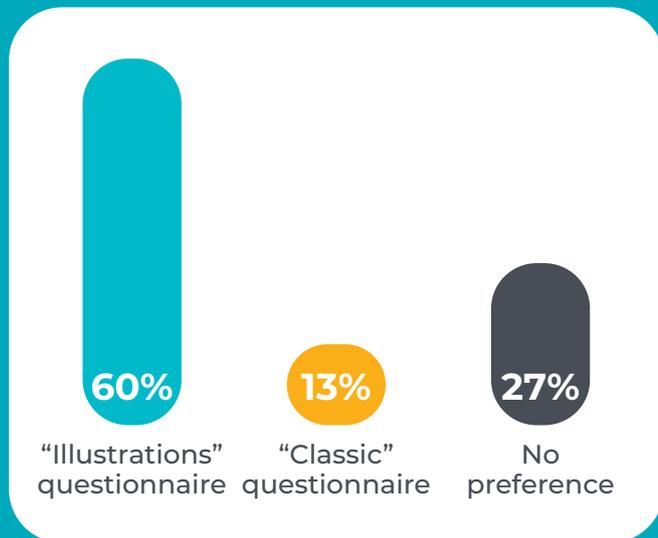
19:30 Diner

Kayentis-designed questionnaire

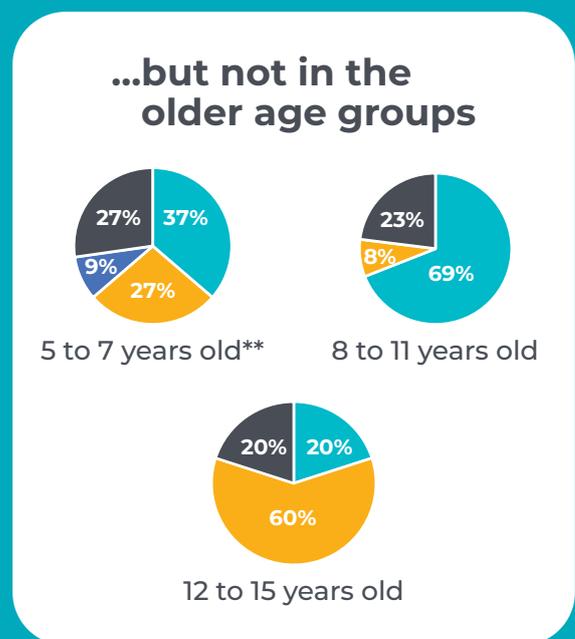
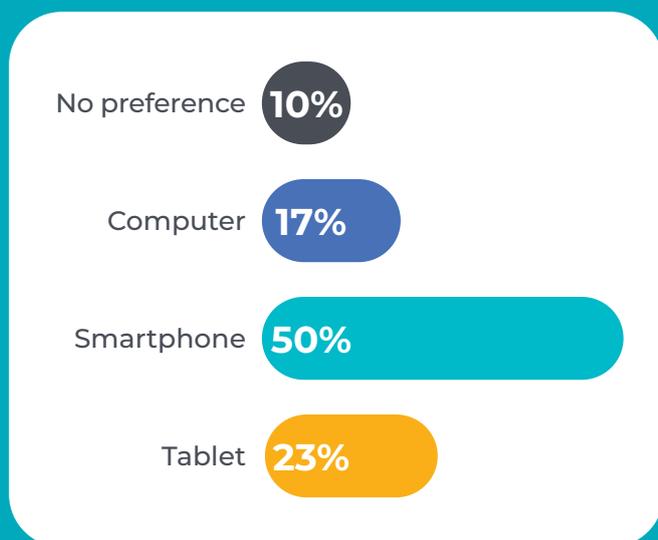
We have conducted a workshop with children to compare two questionnaires on multiple devices:

- A standard questionnaire with a design similar to the ones usually used in clinical trials ("classic" questionnaire),
- A questionnaire including illustrations entirely designed by Kayentis ("illustrations" questionnaire)

60% of children* preferred an “illustrations” questionnaire...



The majority of children* preferred a smartphone device...



*30 children (not patients) aged 5 to 15 years of age were included, and data were analyzed in 3 age groups that corresponded to pediatric clinical trial population age ranges. Both questionnaires were completed on each device (smartphone, tablet, and computer).

**Children in this age group did not read the questions and the parents responded on their behalf.

Let's listen to what users have to tell us!



- Children preferred the “illustrations” questionnaire designed by Kayentis
- Clin’form is a strong & flexible solution that allows patients to get customized questionnaires, and use multiple devices with the same display
- Illustrations and customization can bring value in pediatric clinical research, but further studies are needed to validate the questionnaires and ensure the absence of potential bias



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To learn more, please contact us at sales@kayentis.com