Touching the social robot PARO reduces pain perception and salivary oxytocin levels

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Supplementary Materials

Please indicate PARO's reaction to the following:

Questionnaire 1 - Getting to know PARO

When I pet its back several times	
When I pet its face several times	-
When I pet its front flippers several times	
When I pet its back flippers several times	
When I call it by its name several times	
Hell I call to by its hame several emies	

When I call it by its name when it cannot see me

When I touch its whiskers (gently – no pulling)

Please mark with a circle whether you observed PARO perform any of the following:

Lift its gaze upwards ... Yes / No

Place its head in your lap ... Yes / No

Move its front flippers ... Yes / No

Move its back flippers ... Yes / No

Open and close its eyes ... Yes / No

Make sounds ... Yes / No

Questionnaire S1. Getting to know PARO. This questionnaire was given to half of the participants in the PARO group – those who had a 10-min interaction with it. They were asked to fill it out during the 10-min interaction.

Questionnaire 2

How does PARO feel?	Not at all	The highest degree
Нарру		
Satisfied	<u> </u>	
Sad	<u> </u>	
Angry		
Tired		
Wants to be petted	<u> </u>	
Wants to communicate	<u> </u>	
How did you feel during the interaction?		
Did you feel good with PARO?	<u> </u>	
Is it pleasant to touch PARO?	-	
Did you feel you could communicate with PARO?		
Did PARO help to reduce pain?	-	
Would you like to meet PARO again?		

Questionnaire S2. Perceptions of the interaction with PARO. Participants were asked to mark on a 10-cm VAS line (with no numbers on it) how they perceived PARO's and their own feelings. The ends of the VAS line were marked as "not at all" (evaluated offline as = 0) and "the most" (evaluated offline as = 10).