

# Reference values for the Quality of Life after Brain Injury for children and adolescents (QOLIBRI-KID/ADO)

for children and adolescents between 8 and 17 years

'Children' includes the age range from 8 to 12 years. 'Adolescents' includes the age range from 13 to 17 years.

## Interpretation guide

A German 15-year-old female patient has a QOLIBRI-KID/ADO total score of 83, i.e. her score is between the 70% and 85% percentiles. The patient is in the normal range. Her health-related quality of life is average.

## Reference values for the QOLIBRI-KA stratified by age and sex

Gender x Age			Low Quality of Life	-1 SD			Md			+1 SD			High Quality of Life	
Gender	Age	N	2.50%	5%	16%	30%	40%	50%	60%	70%	85%	95%	97.50%	
Male	8-12	Total	462	50	55	62	68	71	73	76	80	86	95	100
		Cognition	462	46	50	64	68	71	75	79	82	89	100	100
		Self	462	45	50	60	70	70	75	80	85	95	100	100
		Autonomy	462	50	57	68	71	75	79	82	86	93	100	100
		Social	462	50	54	67	71	75	79	83	88	96	100	100
		Emotion	462	12	25	44	52	62	69	75	81	94	100	100
		Physical	462	12	17	38	50	58	67	75	79	92	100	100
	13-17	Total	401	46	52	64	70	74	76	79	81	89	97	100
		Cognition	401	43	50	61	71	75	79	82	86	93	100	100
		Self	401	40	50	60	70	70	75	75	80	90	100	100
		Autonomy	401	46	50	68	75	79	82	86	89	96	100	100
		Social	401	50	50	62	71	75	79	83	88	96	100	100
		Emotion	401	25	31	50	62	69	75	81	88	94	100	100
		Physical	401	17	25	46	58	67	75	79	88	96	100	100
Female	8-12	Total	463	48	54	62	68	71	75	78	82	87	96	100
		Cognition	463	48	54	64	70	75	75	82	82	89	100	100
		Self	463	40	50	65	70	75	75	80	85	95	100	100
		Autonomy	463	50	54	68	75	79	82	86	89	93	100	100
		Social	463	46	50	67	71	75	79	83	88	92	100	100
		Emotion	463	12	19	38	56	62	69	75	81	94	100	100
		Physical	463	12	21	37	54	62	71	75	83	92	100	100
	13-17	Total	422	47	49	61	66	69	73	76	81	88	95	97
		Cognition	422	46	50	61	68	71	75	79	82	89	96	100
		Self	422	40	45	55	65	70	75	78	85	90	95	100
		Autonomy	422	46	50	68	72	75	82	86	89	96	100	100
		Social	422	42	50	67	71	75	79	82	88	92	100	100
		Emotion	422	12	19	38	50	62	69	75	81	94	100	100
		Physical	422	17	21	38	50	58	67	75	83	92	100	100
Total		1748	47	53	62	68	71	74	77	81	88	96	100	

Note: 50% percentiles represent 50% of the distribution corresponding to the median (Md); SD: standard deviation; values from -1 standard deviation (16% rounded to next integer) to +1 standard deviation (85% rounded to next integer) are within the normal range; values below 16% indicate low quality of life and values above 85% indicate high quality of life.