

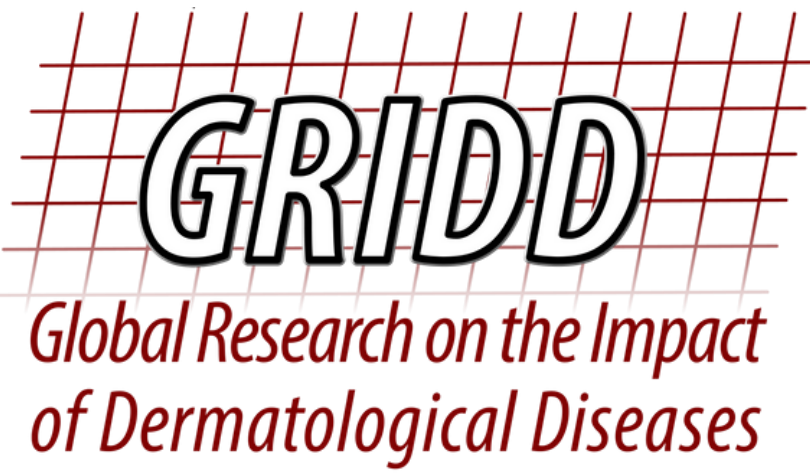
Development and validation of Patient-Reported Impact of Dermatological Diseases (PRIDD)

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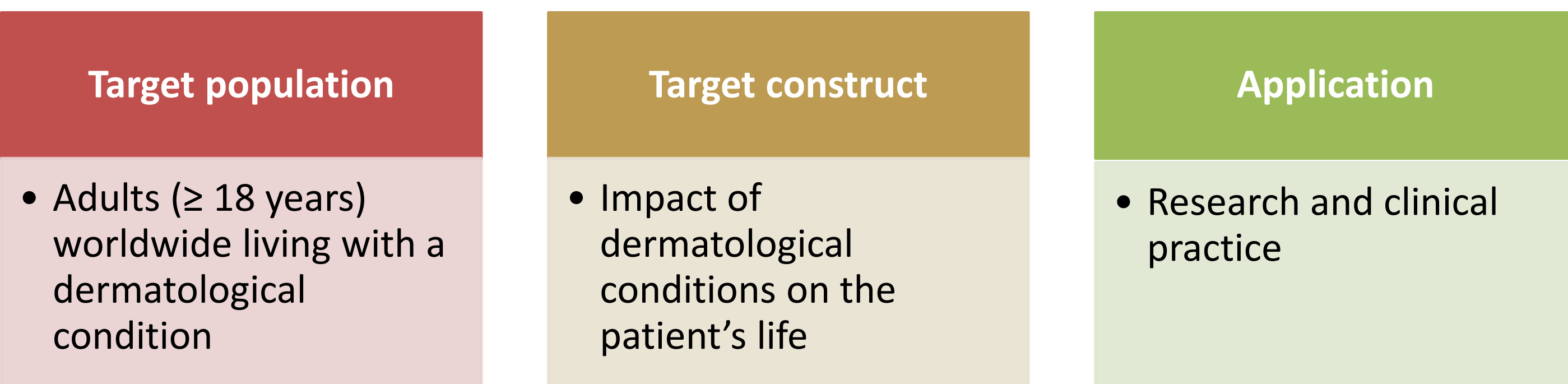
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GRIDD

The Global Research on the Impact of Dermatological Diseases (GRIDD) project is developing **Patient-Reported Impact of Dermatological Diseases (PRIDD)**, a new measure of the impact of dermatological conditions on the patient's life.



PRIDD



Phase 1

ActaDV REVIEW ARTICLE 1/28
Patient-Reported Outcome Measures in Dermatology: A Systematic Review
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None of the existing dermatology PROMs met the scientific standards.

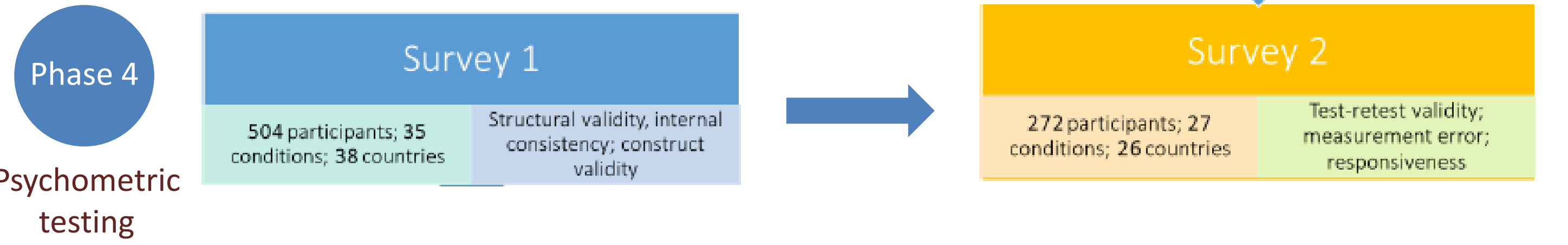
RESULTS II

Phase 3 Overall, **27 impact items** were included in the pilot version of PRIDD. The list of the **top 10 impacts** represent which research questions and initiatives are most important to patients.

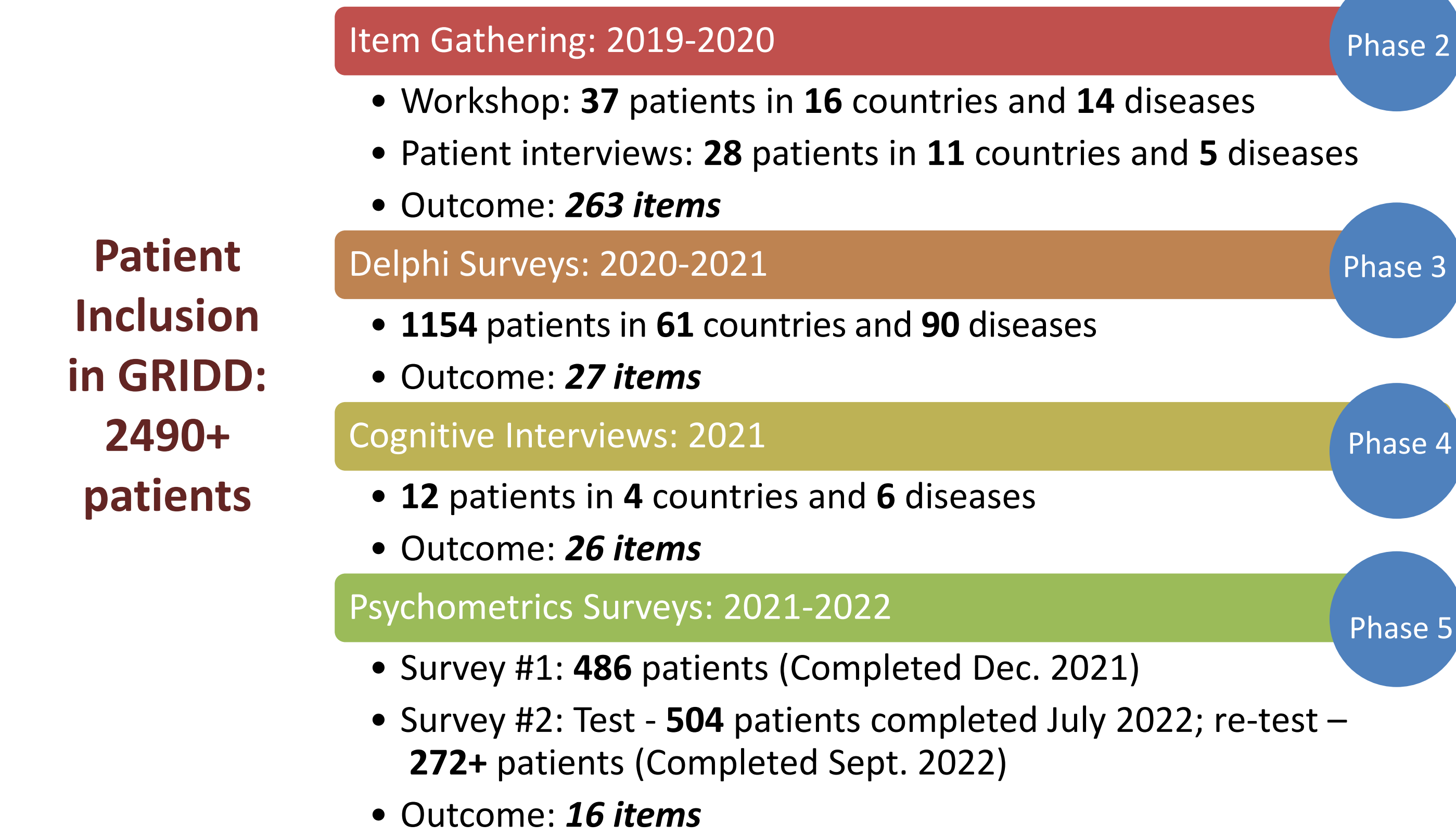
Rank	Item	Impact group
1	My skin is sensitive	Physical
2	The quality, look and feel of my nails, skin, hair bothers me	Physical
3	I experience physical discomfort, soreness or irritation	Physical
4	I feel dismissed or abandoned by the healthcare system	Psychological
5	I cope by living a healthy lifestyle	Psychological
6	My leisure time/activities are affected	Daily life and responsibilities
7	I have been affected financially	Financial
8	My life choices are affected (e.g. choice to have children)	Psychological
9	I rely on others to help me cope	Psychological
10	My daily routine has had to accommodate my condition	Daily life and responsibilities

Phase 4

Cognitive interviews We created a 26-item version of PRIDD with evidence of content validity, feasibility, and acceptability from patients. Overall, patients were happy with PRIDD and we made some minor adjustments based on their feedback.



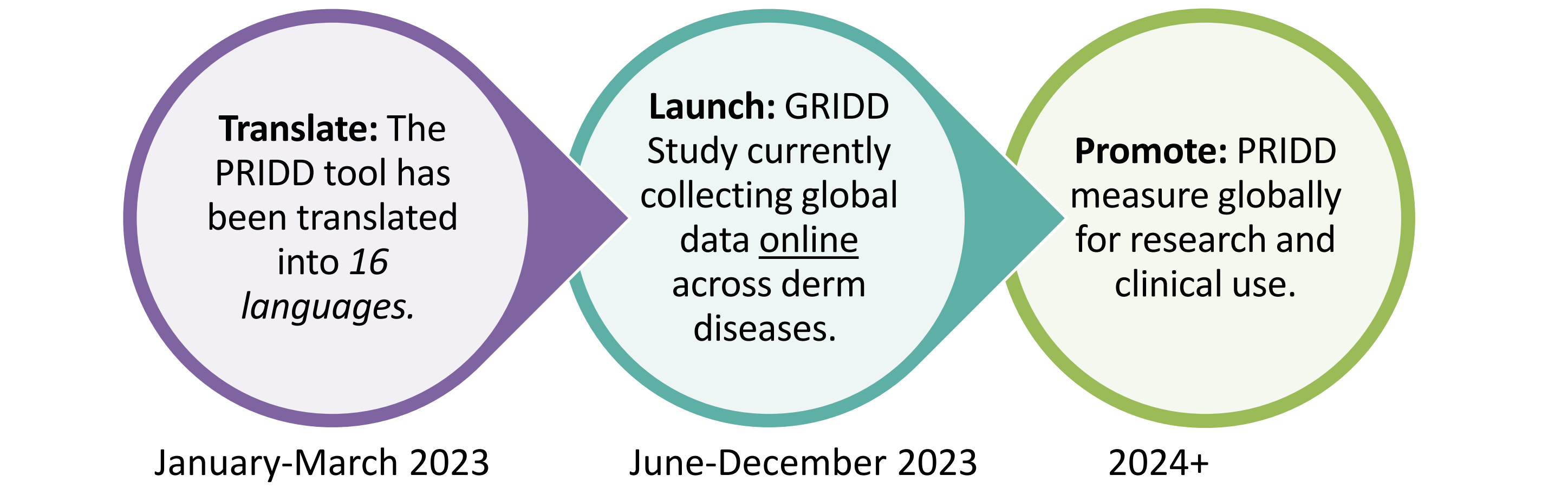
PATIENT ENGAGEMENT



PROM	Content validity	Structural validity	Internal consistency	Reliability	Measurement error	Construct validity	Responsiveness	Recommendation
DLQI	W	???	+++	?		+++	+++	B
PRIDD	++	+++	+++	+++	?	+++	?	A
Skindex	W	???	W	W		-	W	B
Skindex 29	W	???	+++	W		+++	W	B
Skindex 16	W	++	++			+	W	B

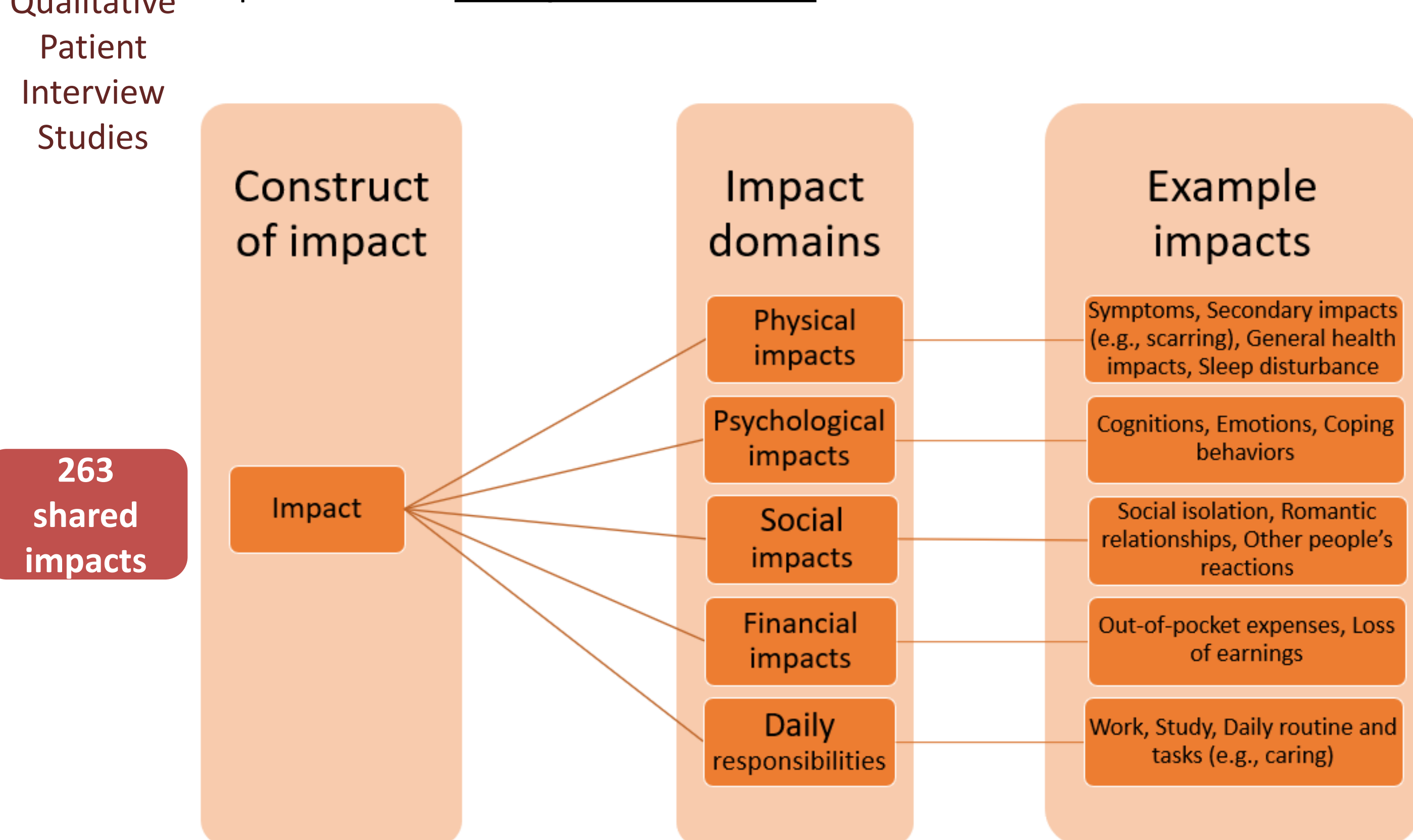
W = weak evidence; + = sufficient evidence; - = insufficient evidence; ? = indeterminate evidence
 A = Recommended for use
 B = Potential to be recommended for use, but they require further research
 C = Should not be recommended for use

GLOBAL LAUNCH & OUTLOOK



RESULTS I

Phase 2 263 unique shared impacts of dermatological conditions were found and these fell into five broad groups: **physical, psychological, social, financial, and daily life and responsibilities impacts**. We started drafting PRIDD using these 263 impacts and the **conceptual framework** shown here.



Who: 10,000 adult participants globally living with dermatological conditions and diseases
What: Online Survey taking approx. 15-20 min to complete
 • Questions about patient and several measures (DLQI, WHO-5, EQ-5D etc.)
 • PRIDD measures the impact of the participants' conditions over the last month



The GRIDD methodology can be a replicable model for pediatric dermatology as well as for other disease conditions beyond dermatology. With additional research, the PRIDD measure could be developed to measure the true child/youth patient impact of living with a dermatological disease.

