10 years on from the FDA's Women's Health Research Roadmap

A landscape review of female-specific clinical outcome assessments (PROQOLIDTM), health agency recommendations (PROINSIGHTTM) and drug label claims with COAs (PROLABELSTM) related to women's health

> Stott T¹ & Lien S¹; Desvignes-Gleizes C¹, Kraft N¹, Sherafat-Kazemzadeh R¹, Bothorel S¹ Contact: tilly.stott@mapi-trust.org ¹Mapi Research Trust, Lyon, Rhone, France

Objective

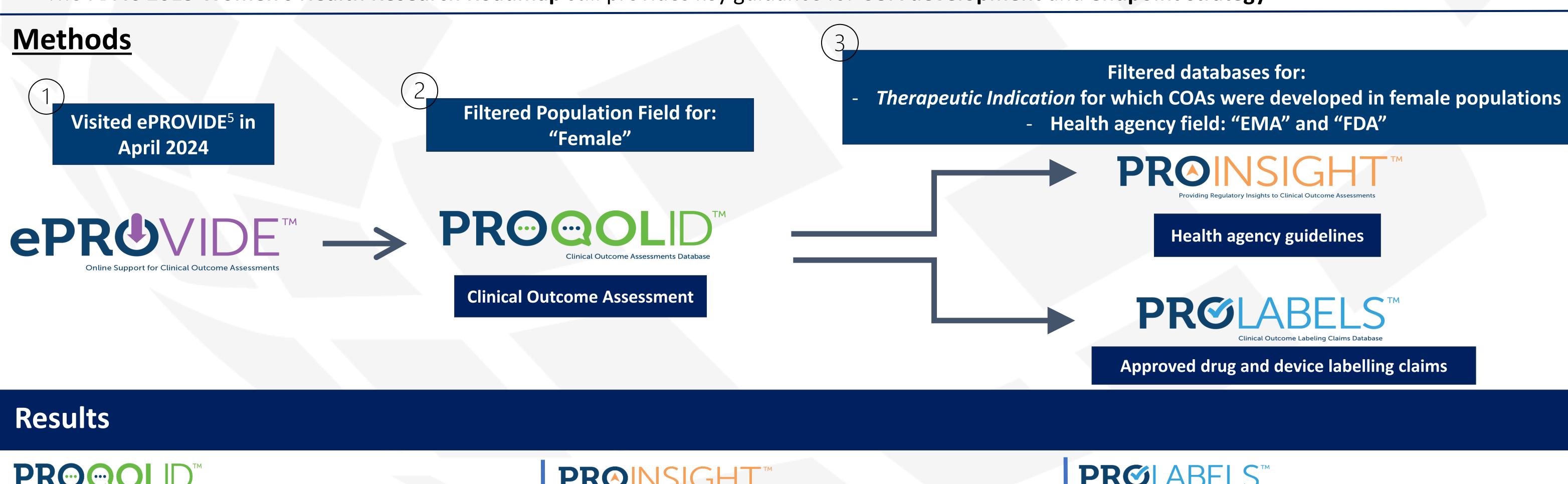
The FDA's 2015 Women's Health Research Roadmap² advocated outcomes research into conditions solely or disproportionately affecting women and conditions which manifest differently in women compared to men. As the Roadmap's 10th birthday approaches, the objective was to review the landscape of female-specific clinical outcome assessments (COAs) in terms of the number of instruments, health agency recommendation specific to the topic (FDA, EMA), and use of COAs in drug labels.

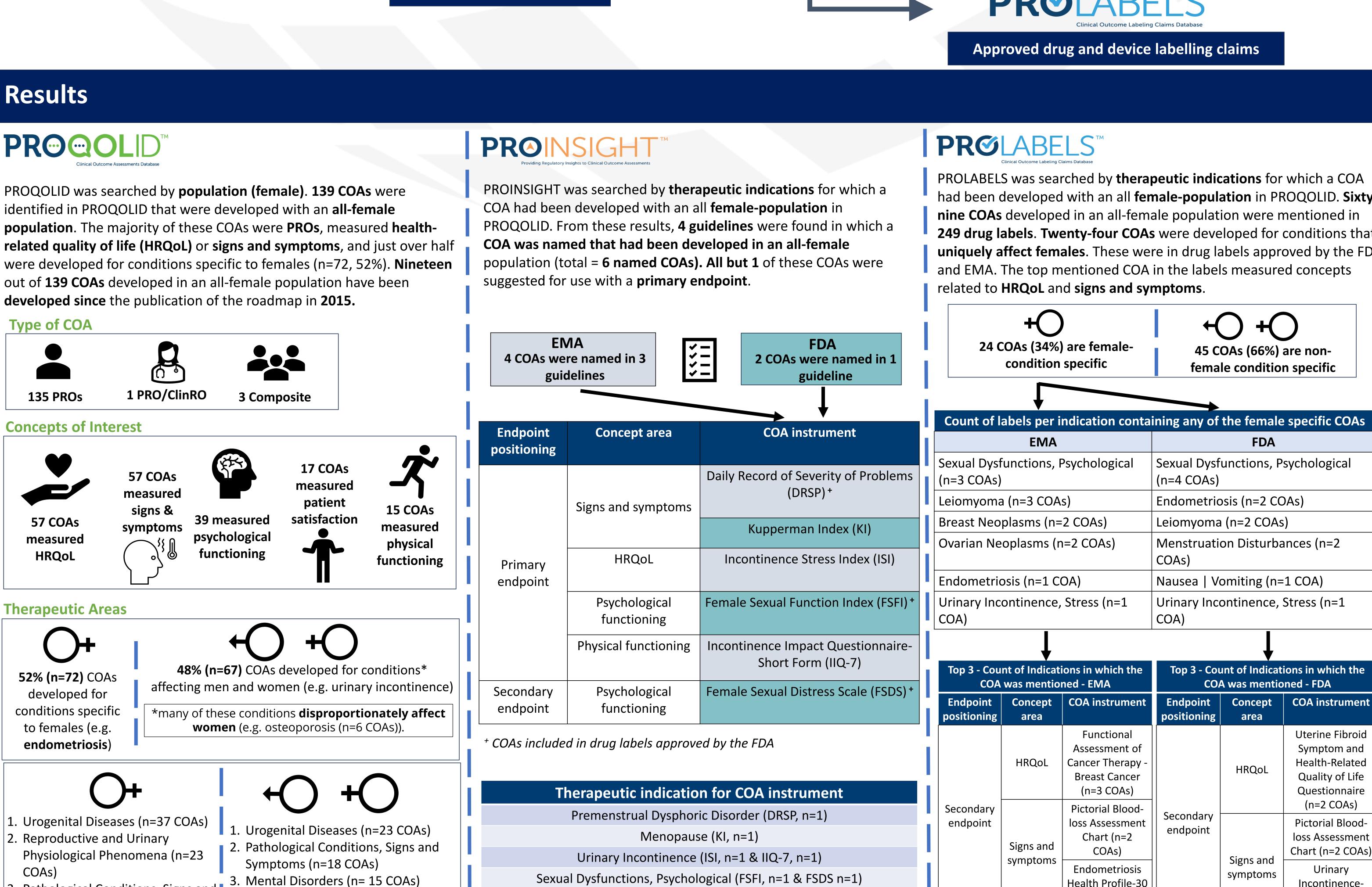
Main Outcomes

- 139 COAs were identified in PROQOLID that were developed in an all-female population
- All COAs identified in PROQOLID except 3 were patient-reported outcomes (PRO), with 1 COA also available as a clinical-reported outcome (ClinRO), and 3 **COAs** were **composite** instruments
- 72 COAs were developed in all-female populations for female-specific conditions
- 249 drug labels were identified which were for conditions related to females. 69 COAs were mentioned across these labels which were developed in an allfemale population and 24 of them were developed for conditions that uniquely affect females
- Three EMA and 1 FDA guidelines featured 6 COAs which were developed for conditions related to females
- Nineteen out of the 139 COAs developed in an all-female population have been developed since the publication of the roadmap in 2015. Whilst this represents a small proportion of the overall number of COAs identified in PROQOLID, this may reflect the trend to adapt existing COAs and revalidate them in a different population^{3,4} e.g., Functional Assessment of Cancer Therapy.

Future Direction

- Women's distinct experiences should be incorporated into COA development and regulatory guidelines for conditions that uniquely impact women
- The FDA's 2015 Women's Health Research Roadmap still provides key guidance for COA development and endpoint strategy²





PROLABELS was searched by therapeutic indications for which a COA had been developed with an all female-population in PROQOLID. Sixty-249 drug labels. Twenty-four COAs were developed for conditions that uniquely affect females. These were in drug labels approved by the FDA

V				V		
	Top 3 - Count of Indications in which the COA was mentioned - EMA			Top 3 - Count of Indications in which the COA was mentioned - FDA		
	Endpoint positioning	Concept area	COA instrument	Endpoint positioning	Concept area	COA instrument
		HRQoL	Functional Assessment of Cancer Therapy - Breast Cancer (n=3 COAs)		HRQoL	Uterine Fibroid Symptom and Health-Related Quality of Life Questionnaire
	Secondary endpoint	Signs and	Pictorial Blood- loss Assessment Chart (n=2	Secondary endpoint		(n=2 COAs) Pictorial Blood- loss Assessment Chart (n=2 COAs)

Incontinence-

Specific Quality of

Life (n=2 COAs)

Health Profile-30

(n=2 COAs)

References:

3. Pathological Conditions, Signs and

Symptoms (n=21 COAs)