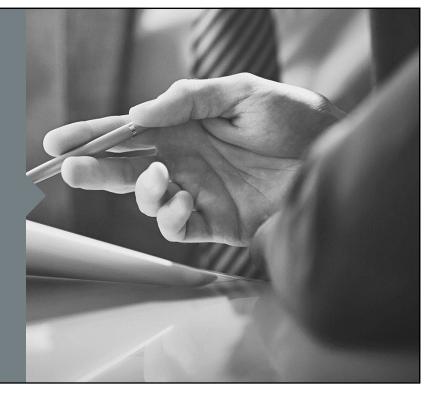




#### The mission of

#### ALLERGY & ASTHMA NETWORK

Is to end the needless death and suffering due to asthma, allergies and related conditions through outreach, education, advocacy and research.



3

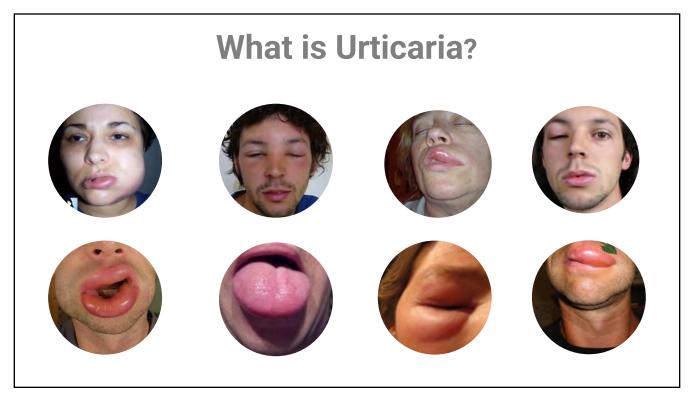
#### **Disclosure of Significant Relationships with Commercial Companies and Organizations**

**Marcus Maurer is or was a Speaker and/or advisor for** Allakos, Almirall Hermal, Amgen, ArgenX, Bayer, BioCryst, CellDex, Dyax, FAES, Genentech, Leo, Lilly, Merckle Recordati, Kyowa Kirin, Moxie, MSD, Novartis, Pharvaris, Riemser, Sanofi Aventis, Shire, Takeda, Tribute Pharmaceuticals, UCB, and Uriach.









# What is a wheal?

Elevated You can feel it when you touch it

**Red** But can be white at the beginning

> Short-lived Stays for a couple of hours

> > **Itchy** You want to rub it

## More examples





## What is angioedema?

Short-lived Hours to a few days

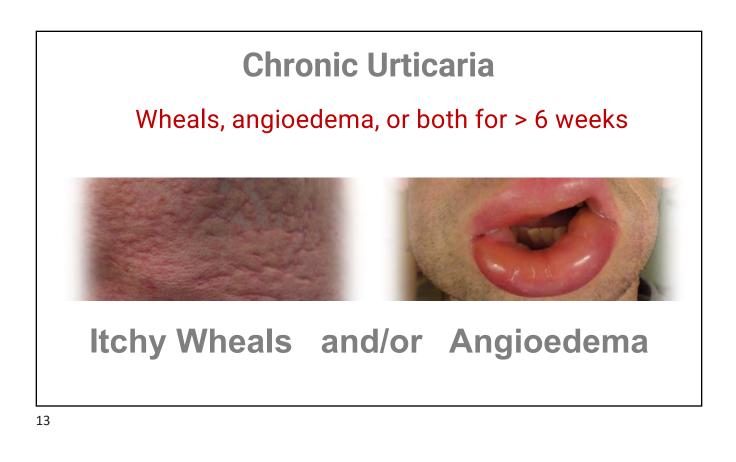
Swelling Feels and looks bigger

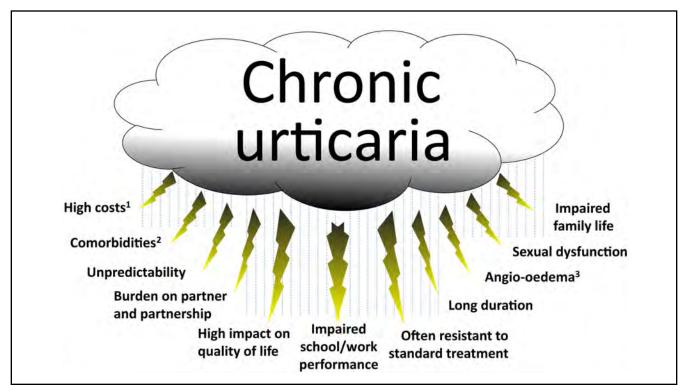
Not dangerous Lips/Eyes > Hands/Feet > Tongue

Feel and look vary Itchy, painful or not; red or not

## More examples







**Physical Urticaria** 

Cold Urticaria

Solar urticaria

Heat urticaria

Vibratory urticaria

Contact urticaria

Cholinergic urticaria

Aquagencic Urticaria

Symptomatic dermographism

Delayed pressure urticaria

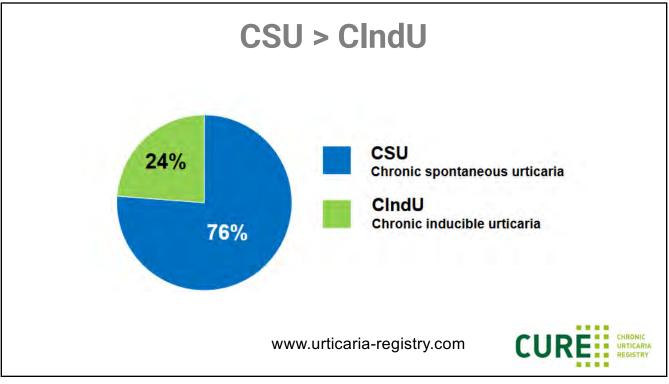
# 10 types of Chronic Urticaria

**Spontaneous Urticaria** 

Due to known cause

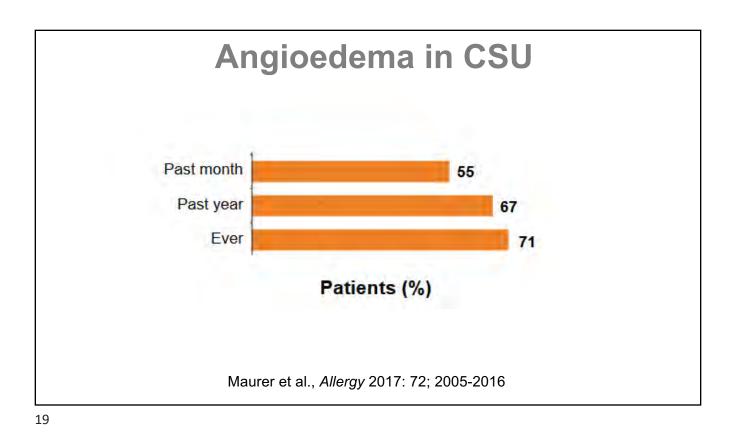
Due to unknown cause

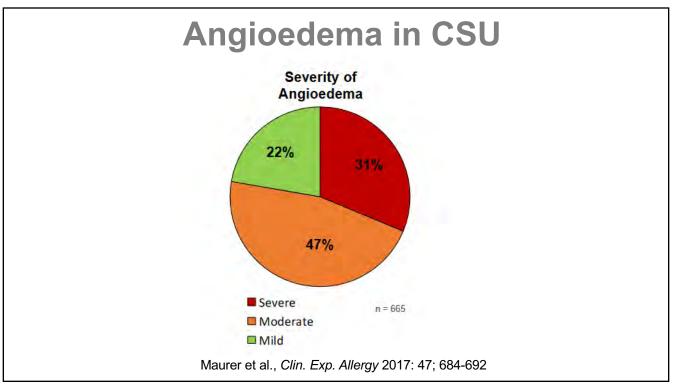
Zuberbier et al., Allergy 2014: 69; 868-887









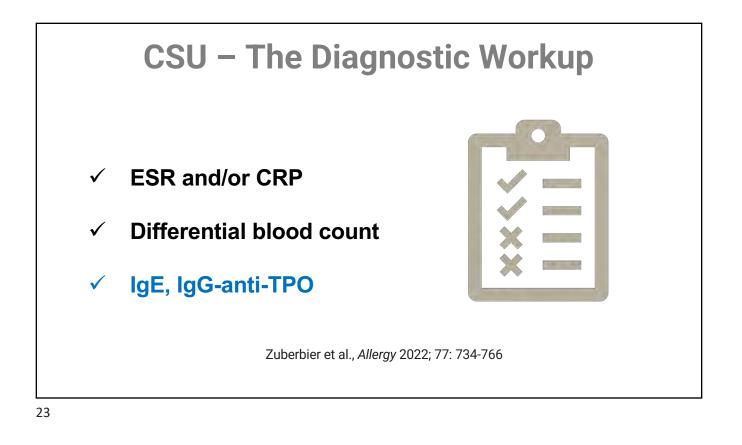


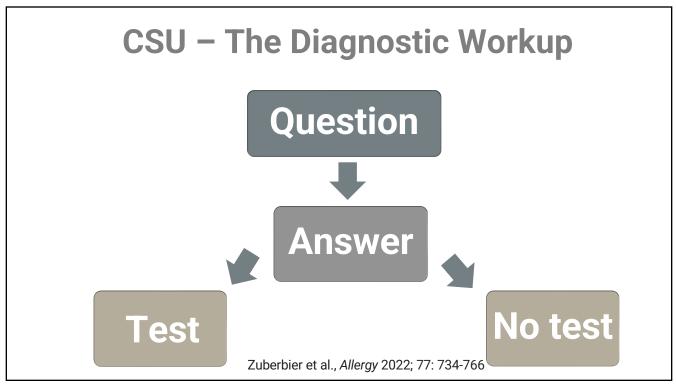


# CSU – The Diagnostic Workup

Confirm Cause Comorbidities Consequences Cofactors Components Course (differential diagnosis)
(e.g. TlaiCSU, TIIbaiCSU)
(e.g. CIndU, autoimmunity, depression/anxiety)
(e.g. sleep, distress, sexual health)
(e.g. triggers, aggravators)
(e.g. biomarkers, predictors)
(activity, impact and control)

Zuberbier et al., Allergy 2022; 77: 734-766



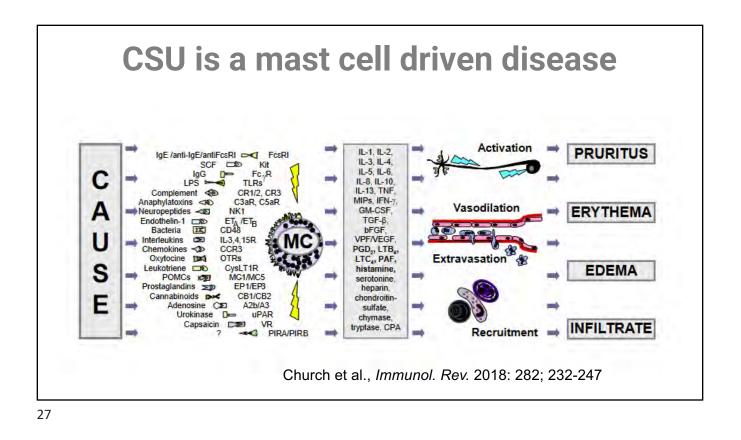


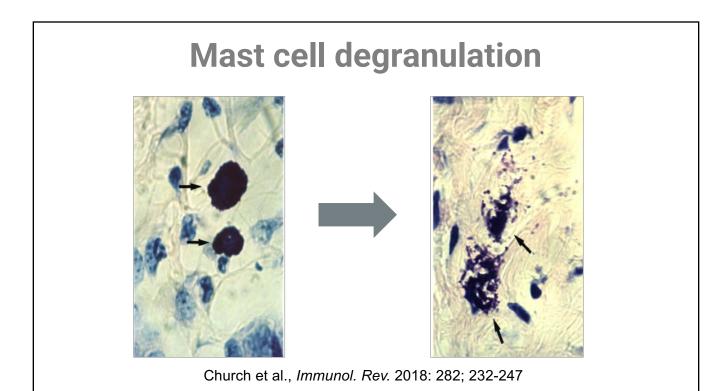
# CSU – The Diagnostic Workup

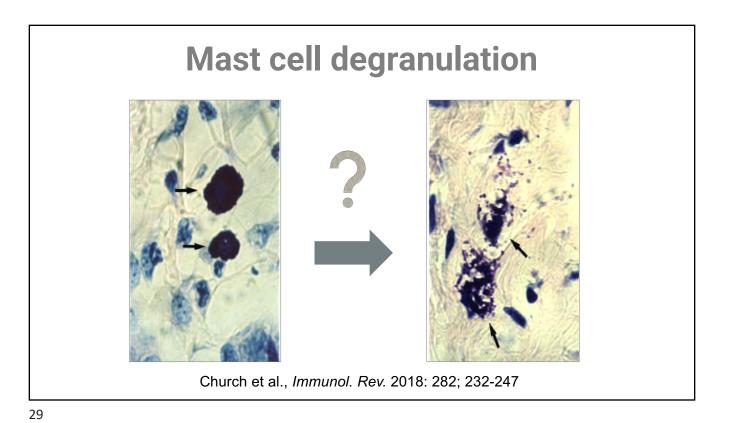
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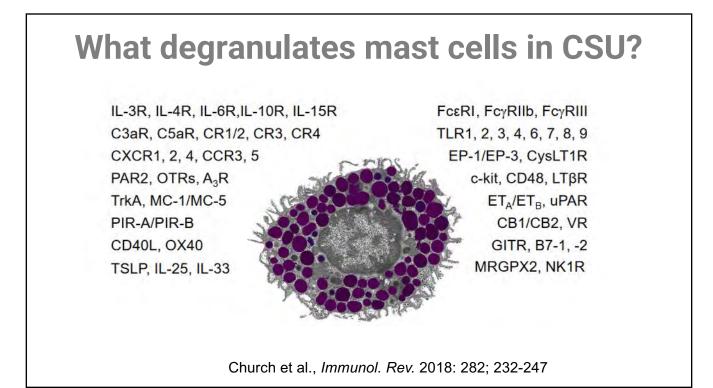
Zuberbier et al., Allergy 2022; 77: 734-766

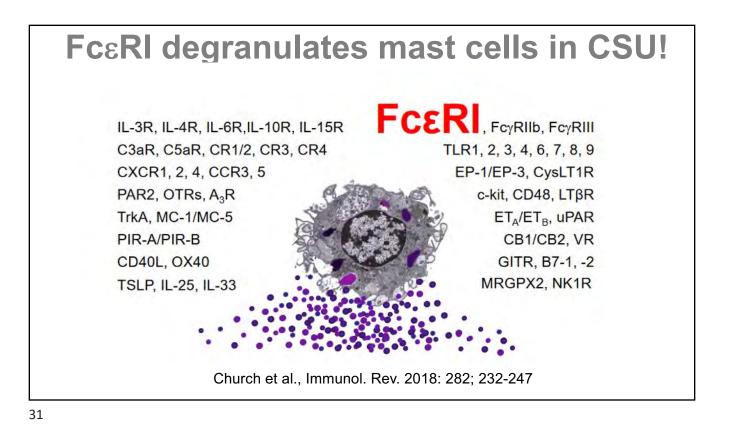


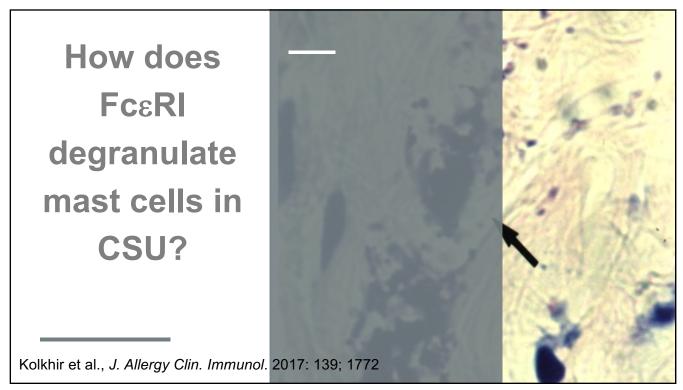


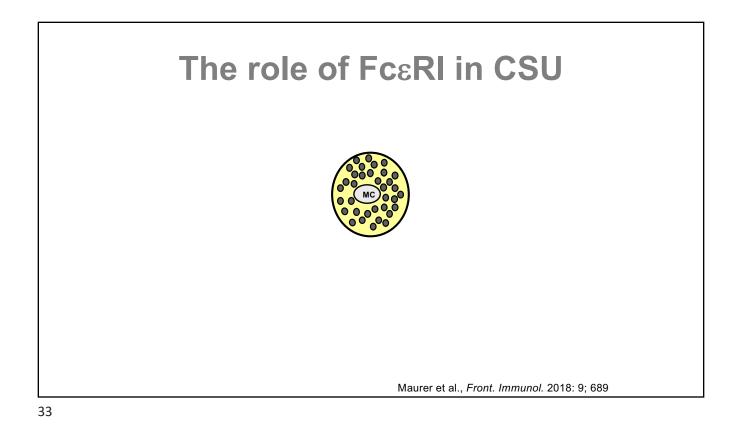


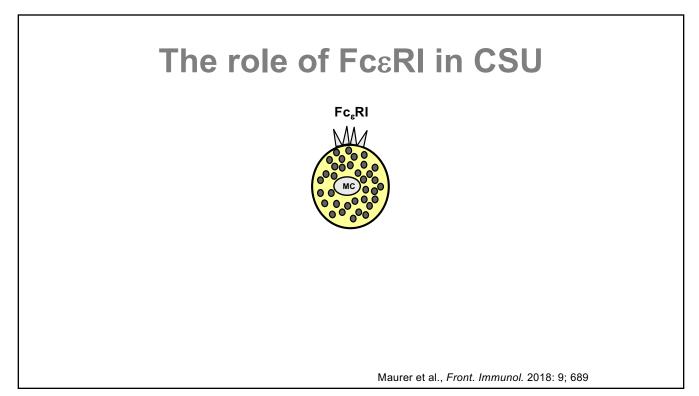


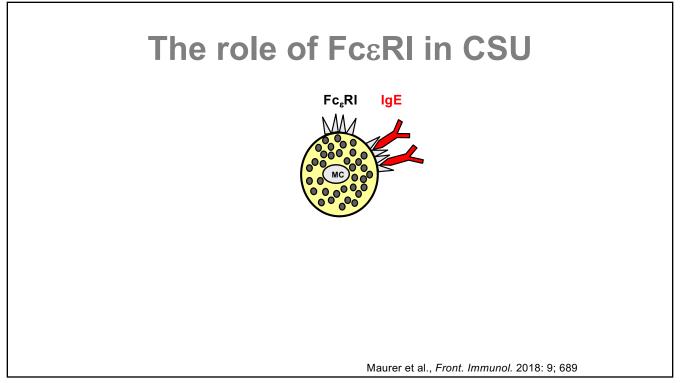


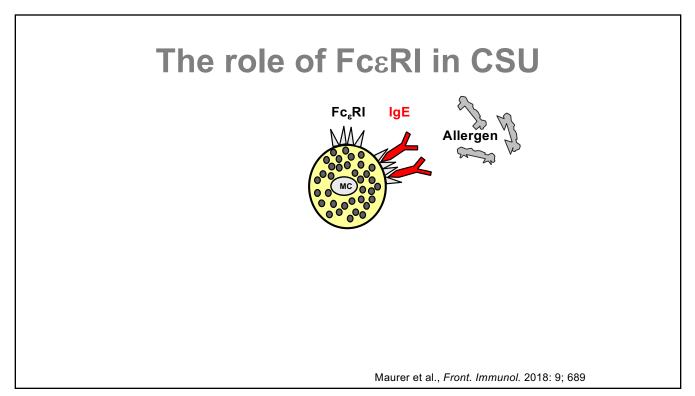


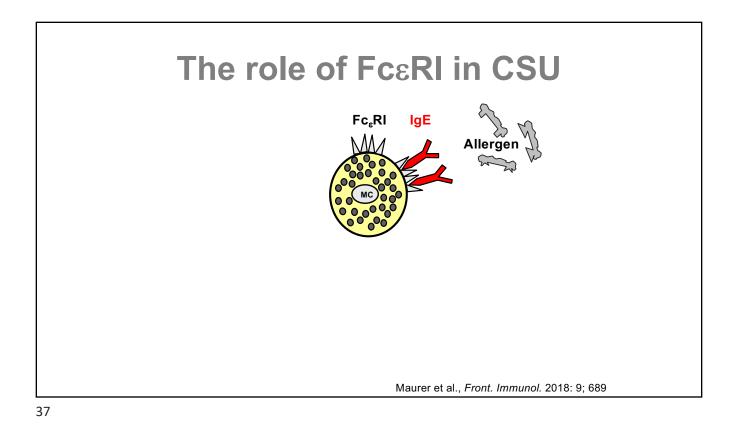


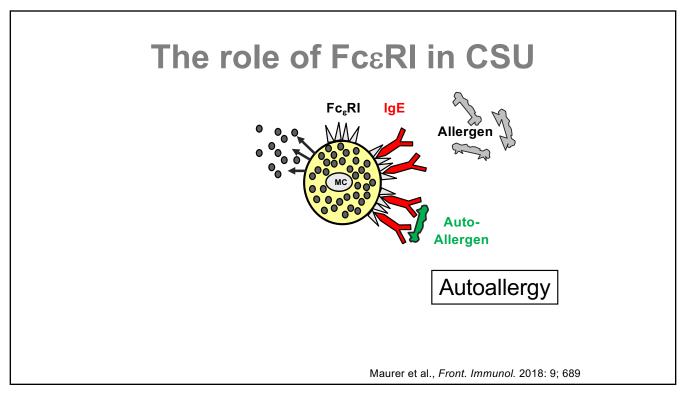


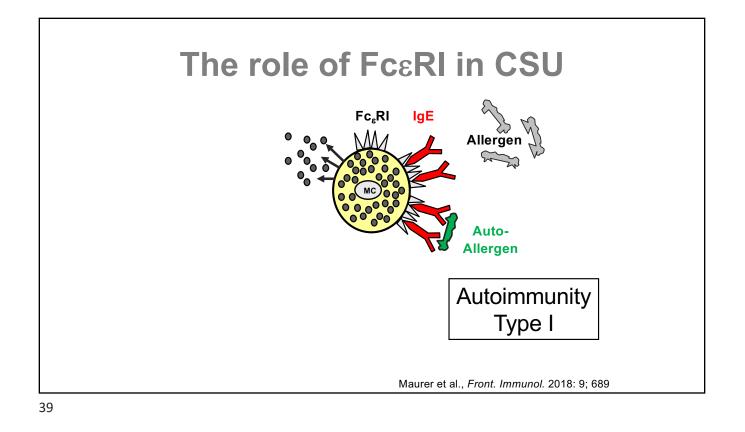


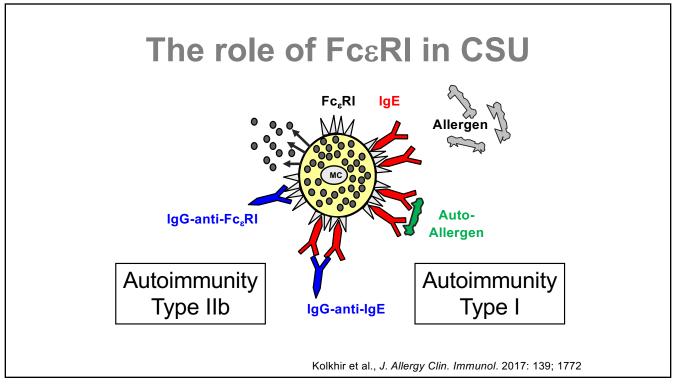


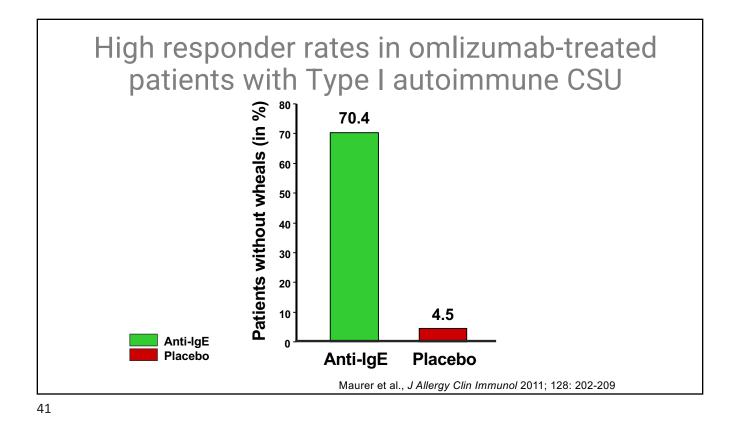


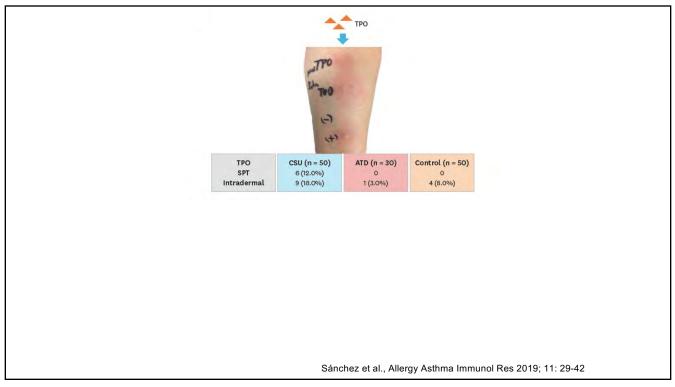


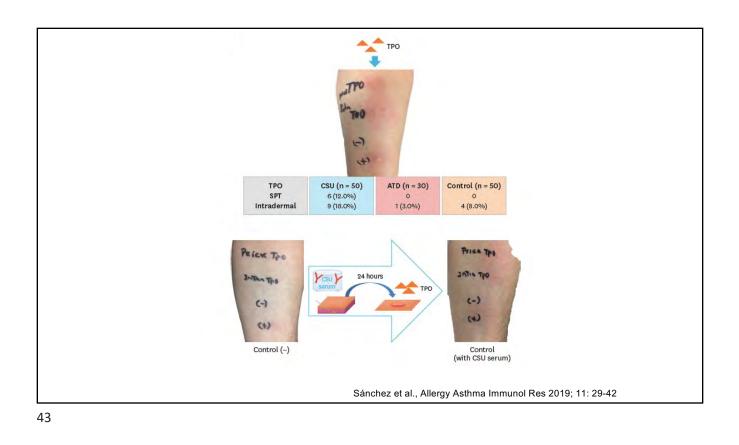


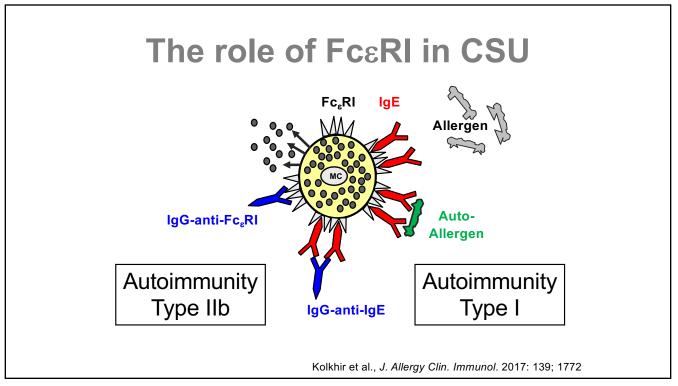


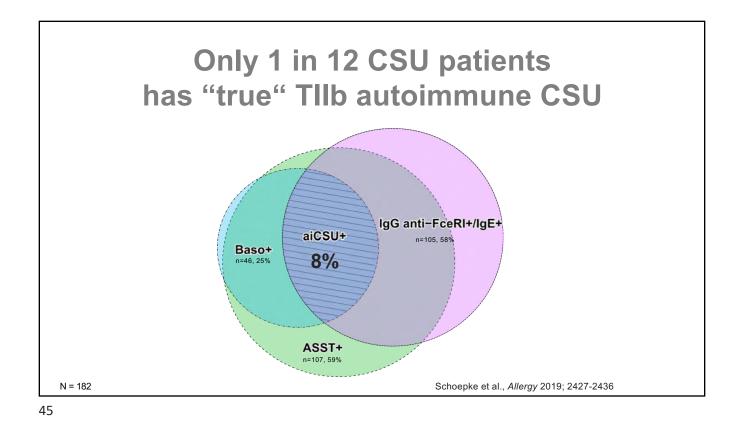


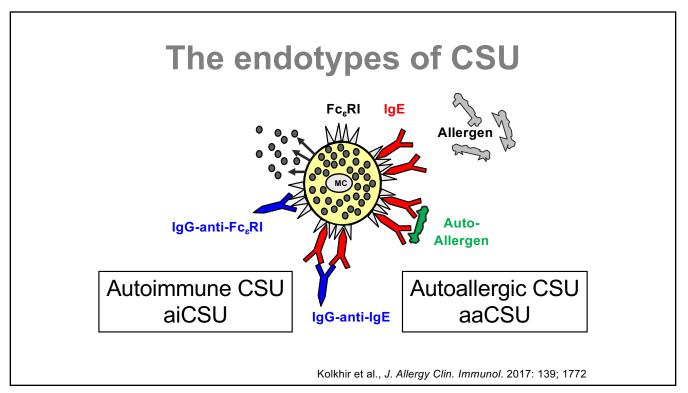






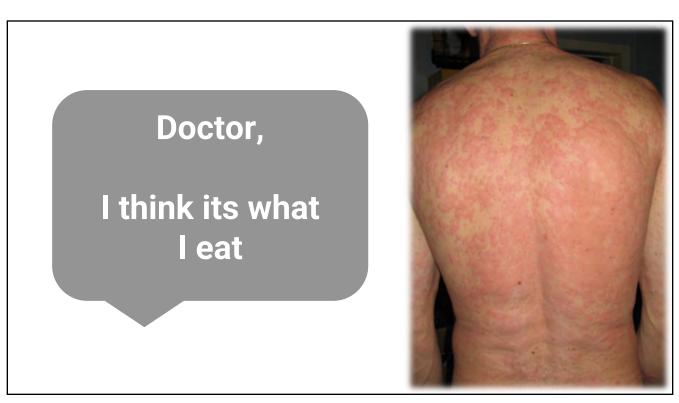




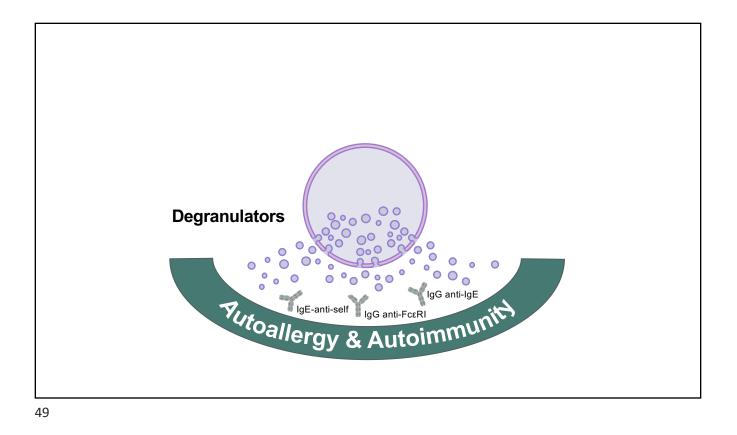


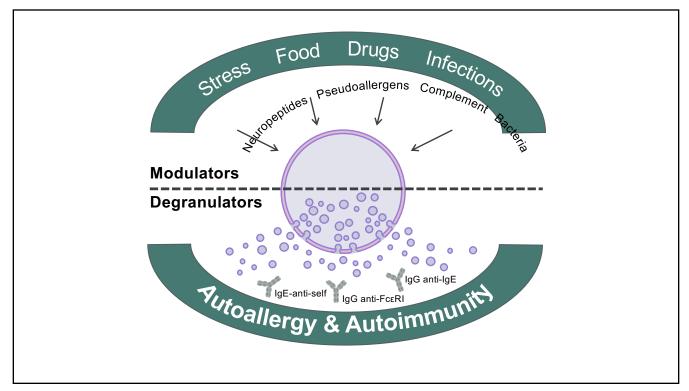
#### Type I aiCSU Type IIb aiCSU "True" autoimmunity **Autoallergy** Unknown rate of autoimmune cormobidity Rate of autoimmune cormobidity: High Rate or allergy comorbidity: Unknown Higher rate or allergy comorbiditiy Rate of ANA-positivity: Elevated Unknown rate of ANA-positivity Rate of eosinopenia: Elevated Unknown rate of eosinopenia Rate of basopenia: Elevated Unknown rate of basopenia Disease duration: Long Unknown disease duration Disease activity: High Unknown disease activity CRP: Elevated Unknown CRP levels anti Total IgE: Low High or normal total IgE Allergen Unknown antihistamine response Antihistamines: Poor response Omalizumab: Lower response rate **High** omalizumab response rates Fast onset of omalizumab effects Speed of omalizumab response: Slow Cyclosporine: Higher rates of responders Unknown response to cyclosporine Fenebrutinib: Fast, good & sustained response Unknown response to fenebrutinib

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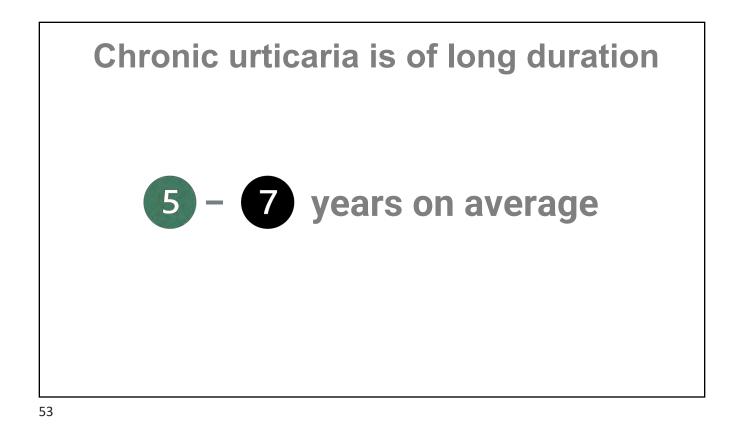
Kolkhir et al., J. Allergy Clin. Immunol. 2017: 139; 1772

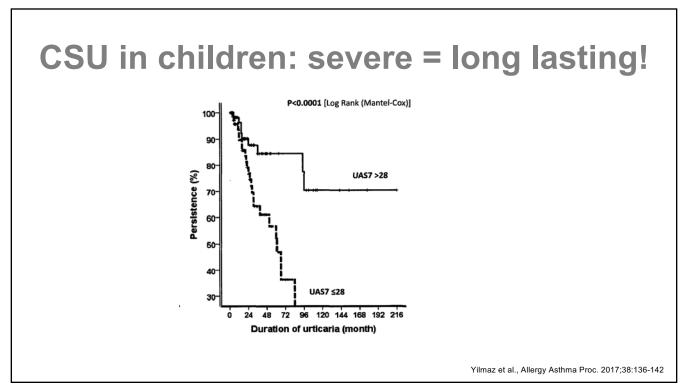




Possible Triggers (NOT CAUSES!!!) of CSU
NSAIDs (Ibu, Diclo, ASS)
Viral Infections
Stress

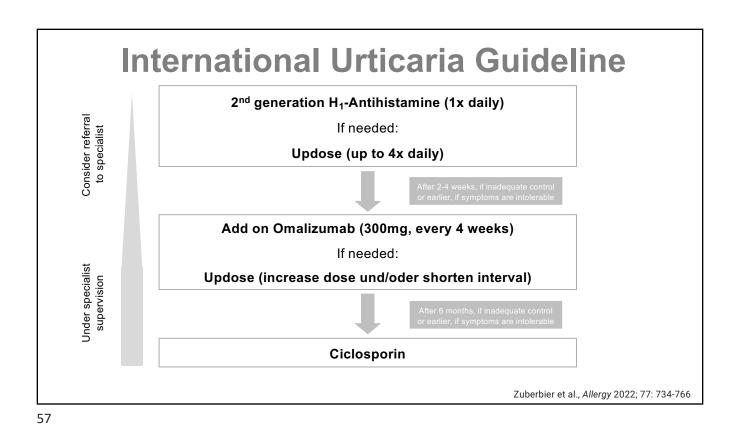


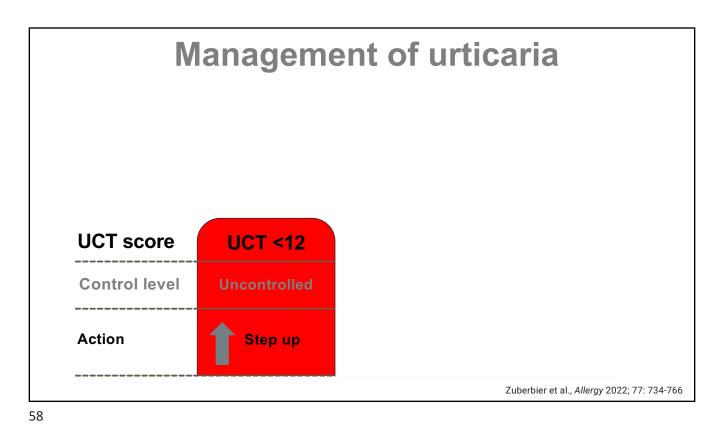


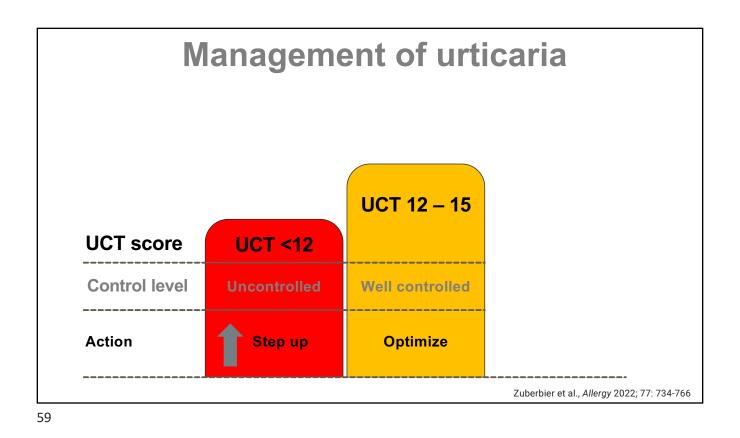


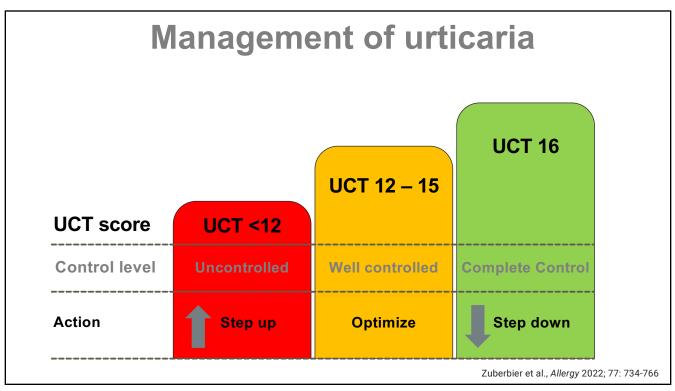




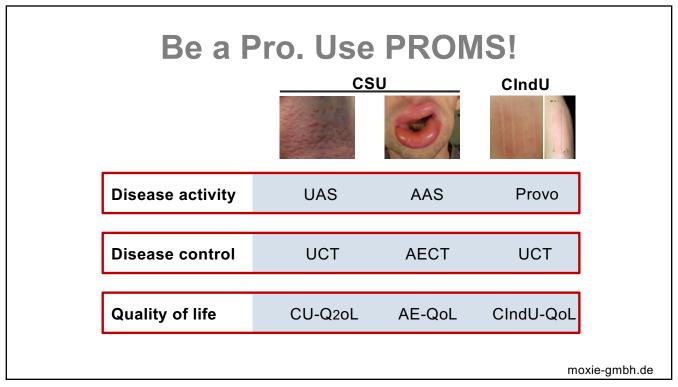




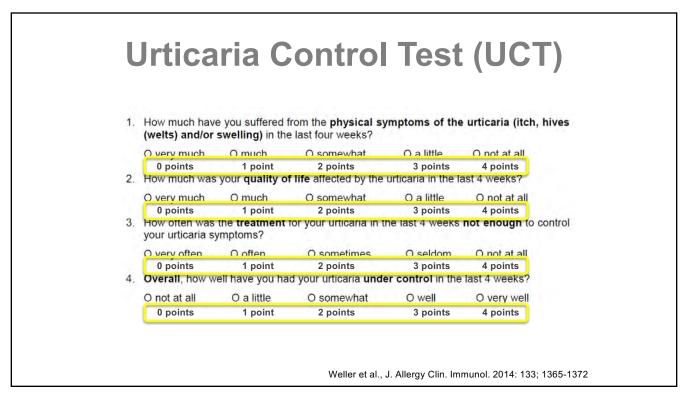


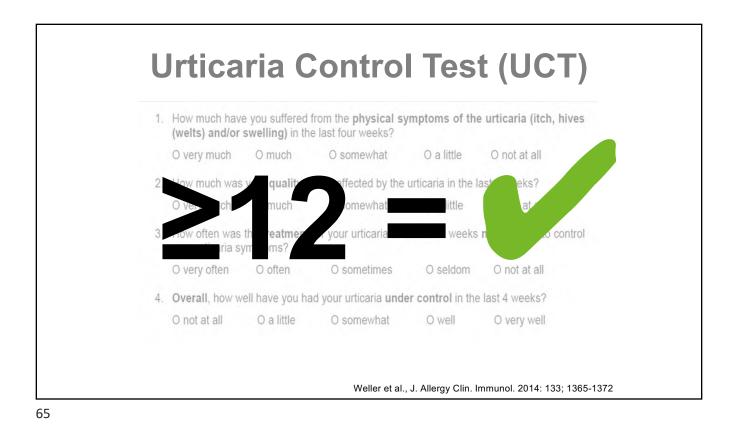


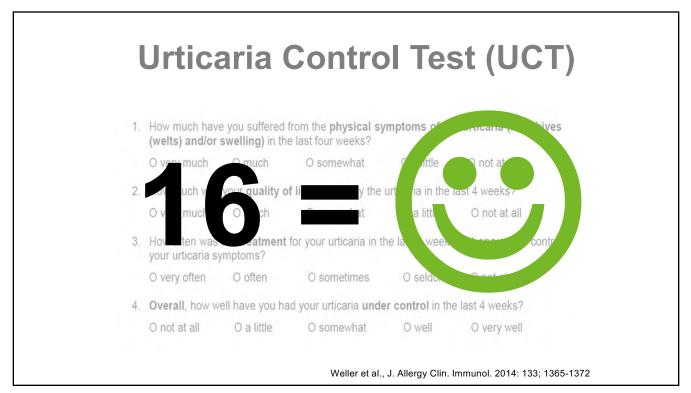




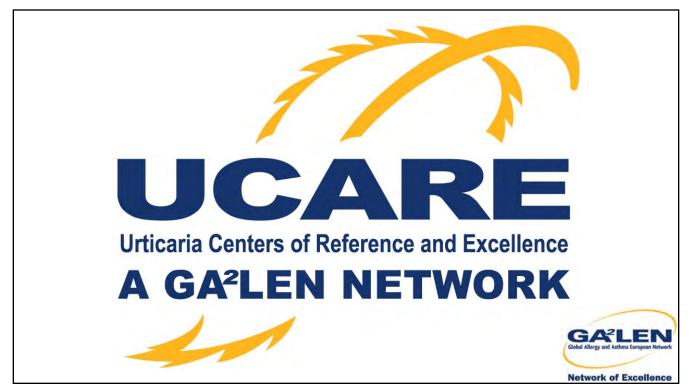
1.	How much have you suffered from the <b>physical symptoms of the urticaria (itch, hives</b> (welts) and/or swelling) in the last four weeks?						
	O very much	O much	O somewhat	O a little	O not at all		
2.	How much was your quality of life affected by the urticaria in the last 4 weeks?						
	O very much	O much	O somewhat	O a little	O not at all		
3.	How often was the <b>treatment</b> for your urticaria in the last 4 weeks <b>not enough</b> to control your urticaria symptoms?						
	O very often	O often	O sometimes	O seldom	O not at all		
4.	Overall, how w	ell have you ha	ad your urticaria unde	er control in the	last 4 weeks?		
	O not at all	O a little	O somewhat	O well	O very well		

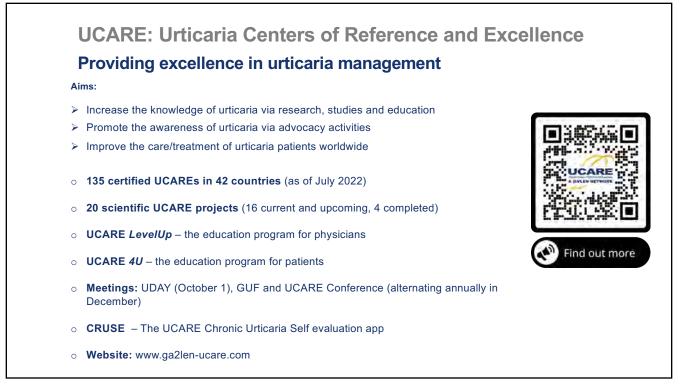




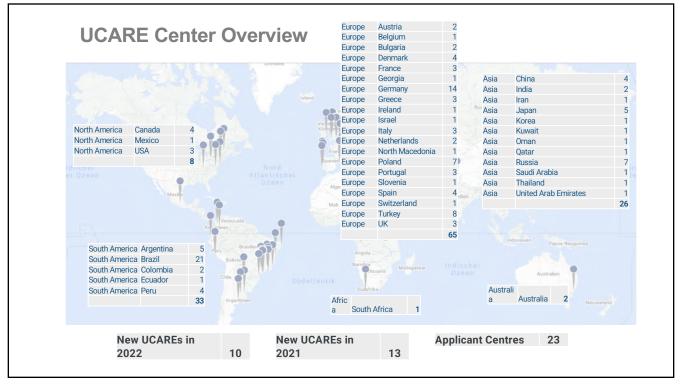


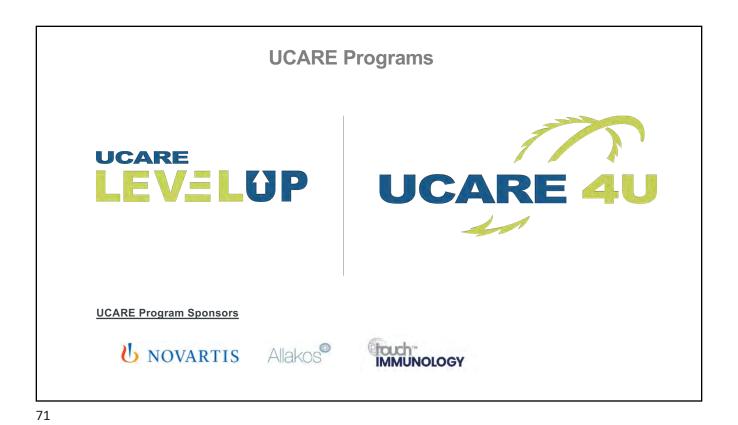






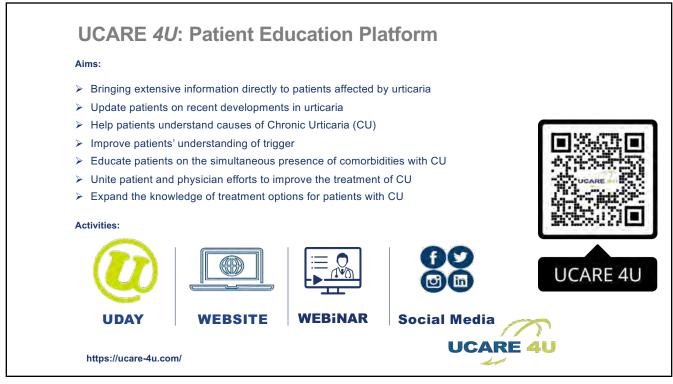




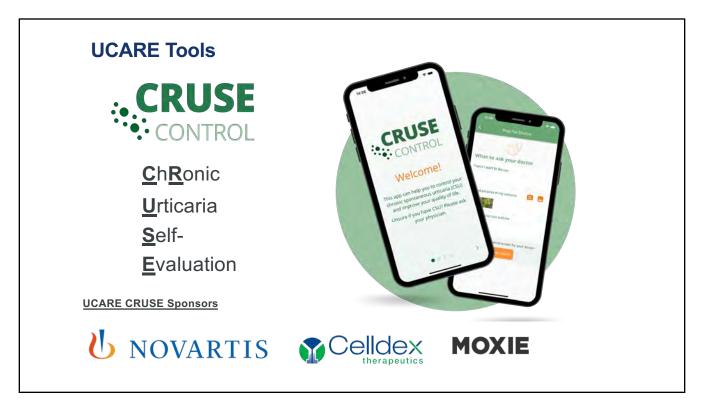


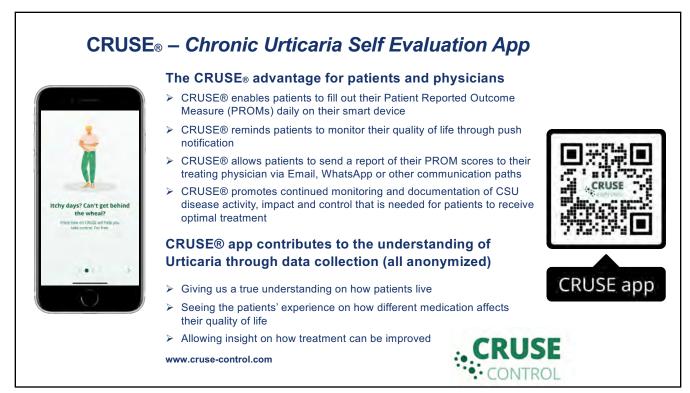
UCARE LevelUp: Physician Education Platform Aims: > Update physicians on recent developments in urticaria, > Establish a platform for interaction among physicians who treat patients with CU, > Improve the interaction of general practitioners and specialist > Build strategic therapeutic plans for patient > Improve the use of patient-reported outcome measures (PROMs) > Streamline the CU patient journey to disease control Activities: LEVELUP Q Ξ UCARE LevelUp PODCAST WEBINAR VIDEO NEWSLETTER WEBSITE UCARE FiRESID= POSTER LEVELUP JOURNAL GRAND CLUBS CHAT SESSION ROUNDS

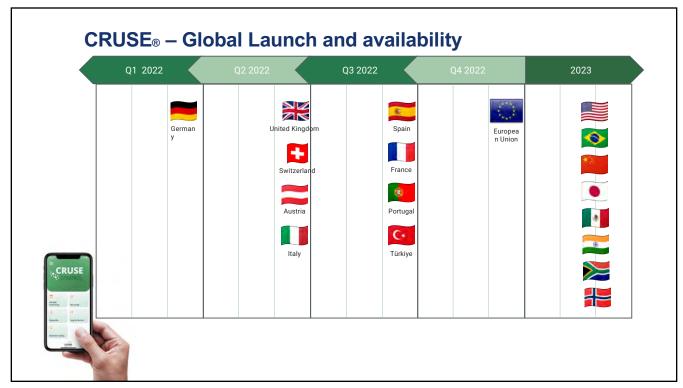
	Format	Number of events	Live Registrations	Views on demand	Events in preparation
	Webinar	3	<b>480</b> (136 /43 /301)	<b>474</b> (172 / 186 / 116)	6
	Educational Video	3	Not applicable	<b>602</b> (280 / 168 / 154)	4
PODCAST	Newsletter	3	Not applicable	Not Available	3
	Podcast	42	Not applicable	8,500	8
JOURNAL	Fireside Chat	3	<b>228</b> (62 / 109 / 57)	<b>280</b> (131 / 134 / 15)	6
[]	Journal Club	11	Not applicable	Not applicable	6
	Grand Round	0	Not Available	Not Available	1
POSTER	Poster Session	1	24	Not applicable	1



	Format	Number of events	Live Registra s	ation	Views on demand	Events in preparation	
VEBINAR	Webinar	3	<b>380</b> (160 / 121		<b>1162</b> (459 / 200 / 66 / 35 / 98 / 21 / 58 / 25 / 24 / 55 / 77 / 44)	6	•
		Chanı	nnel M		mber of Hits		a
	00	Twitter (LU and 4U)	14	10,084			
Social Media		LinkedIn YouTube Facebook		19,499 2,469			
						WEBSITE	ITE
				N/A	WEBSITE		
		Reddit		5,437			
		Instagram			N/A		











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#### Do you have Chronic Inducible Cold Urticaria?

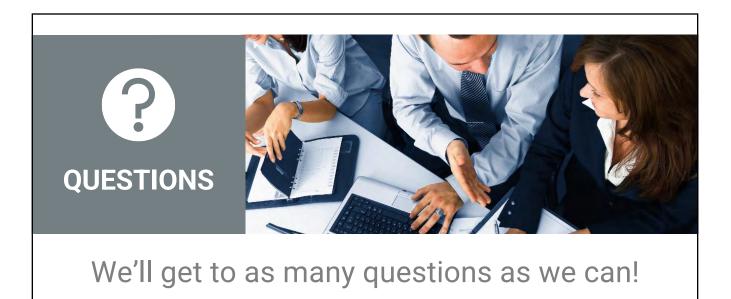


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The webinar recording will be posted to our website along with a printable copy of the slides.



