



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.



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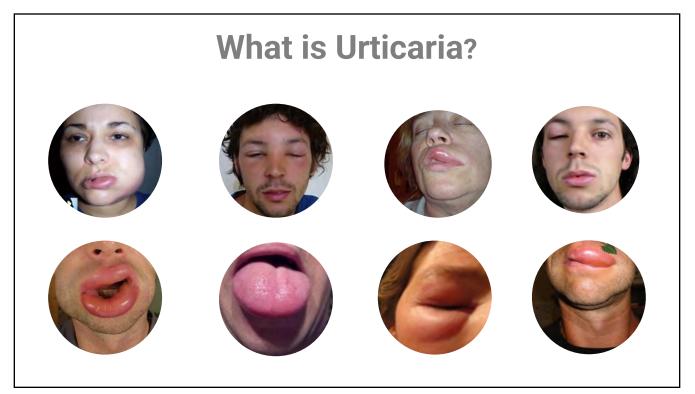
Disclosure of Significant Relationships with Commercial Companies and Organizations

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

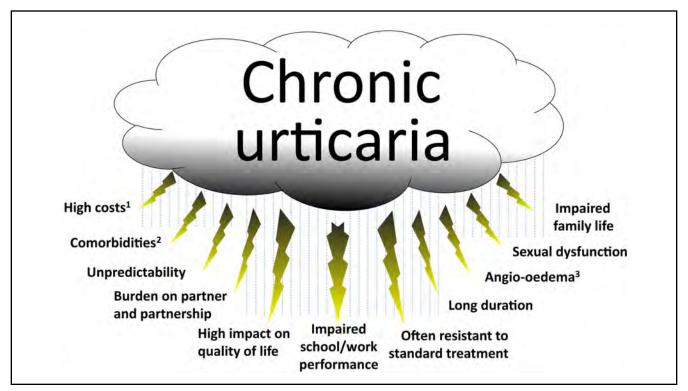
Not dangerous Lips/Eyes > Hands/Feet > Tongue

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

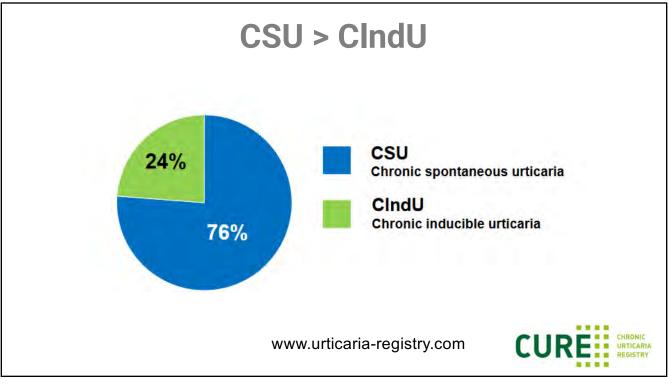
10 types of Chronic Urticaria

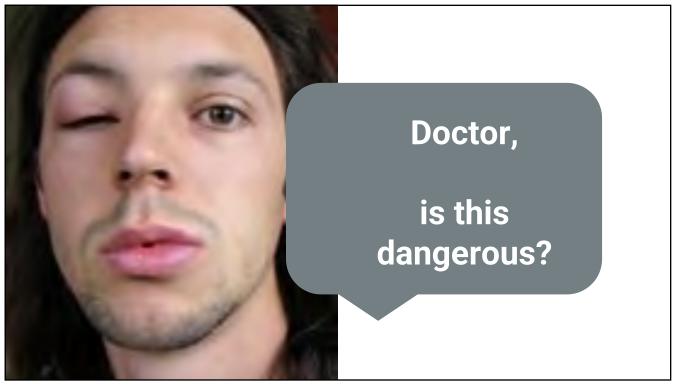
Spontaneous Urticaria

Due to known cause

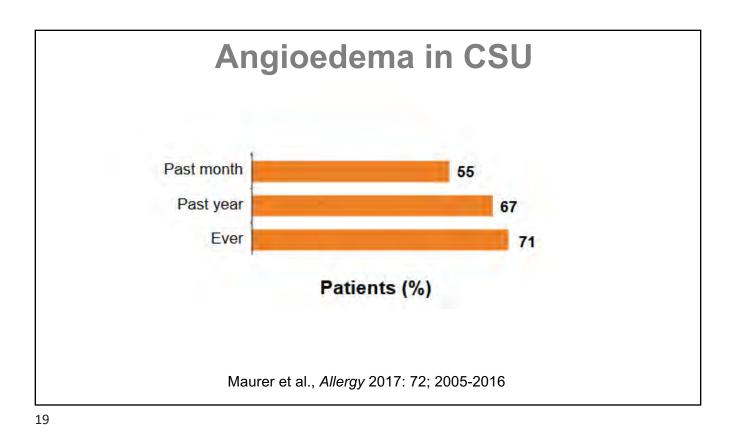
Due to unknown cause

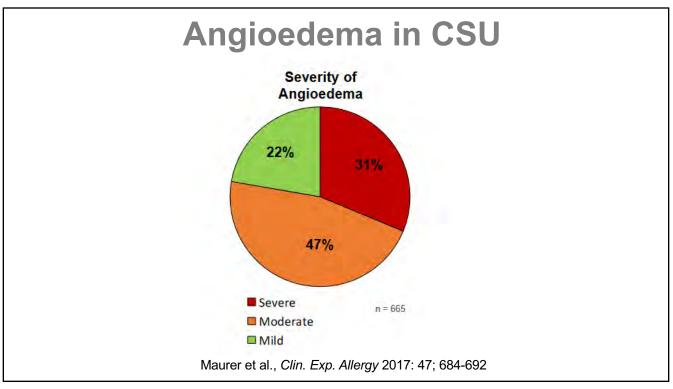
Zuberbier et al., Allergy 2014: 69; 868-887









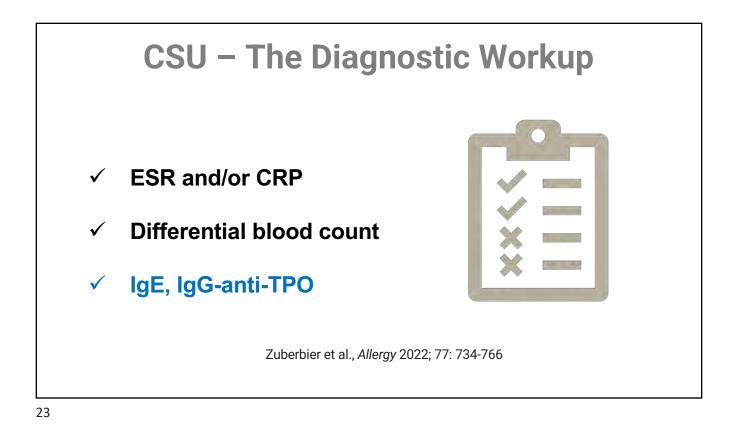


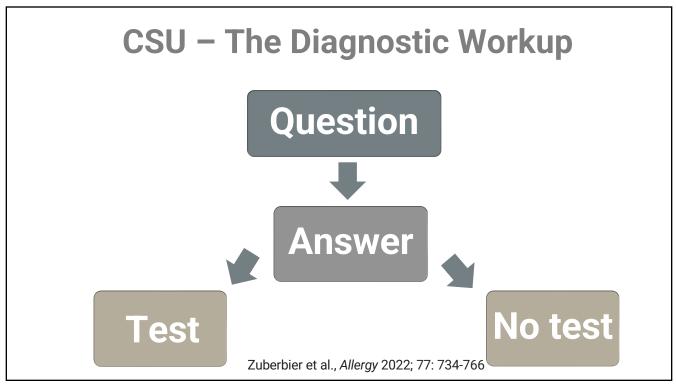


CSU – The Diagnostic Workup

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



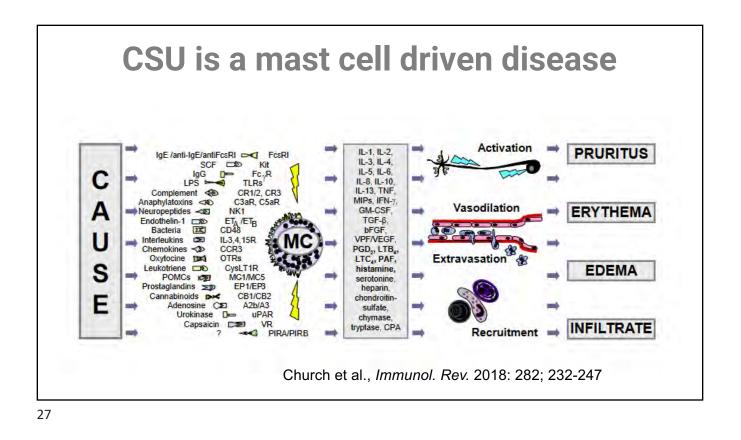


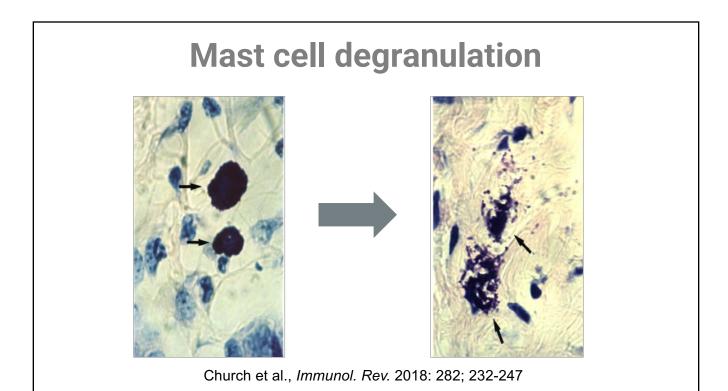
CSU – The Diagnostic Workup

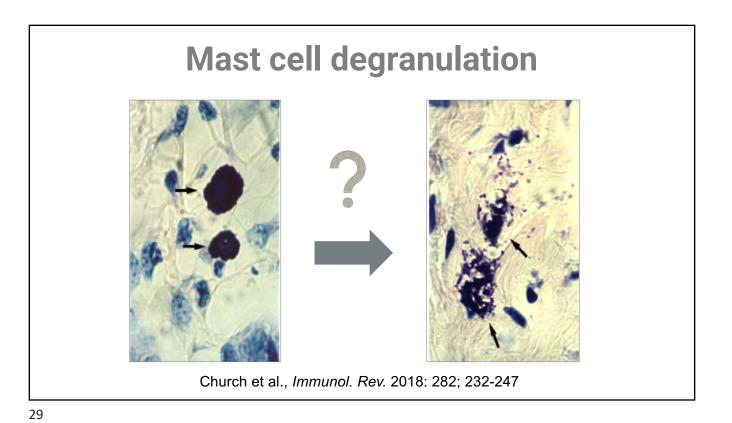
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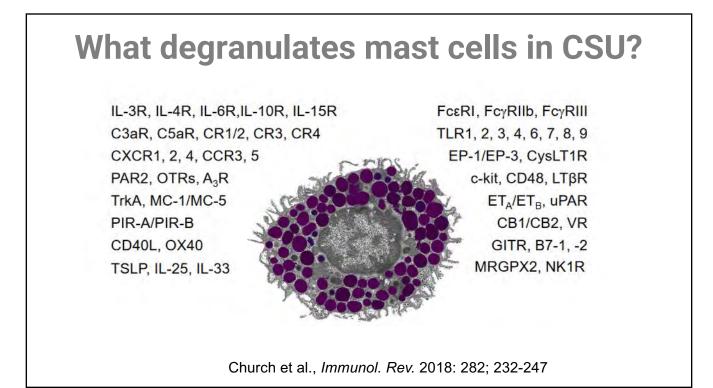
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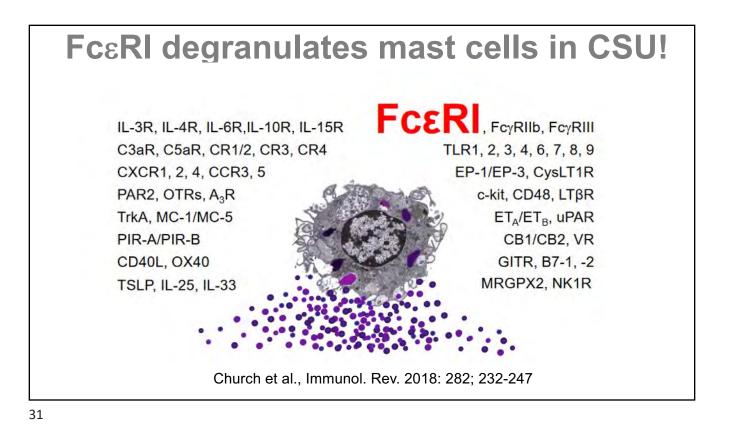


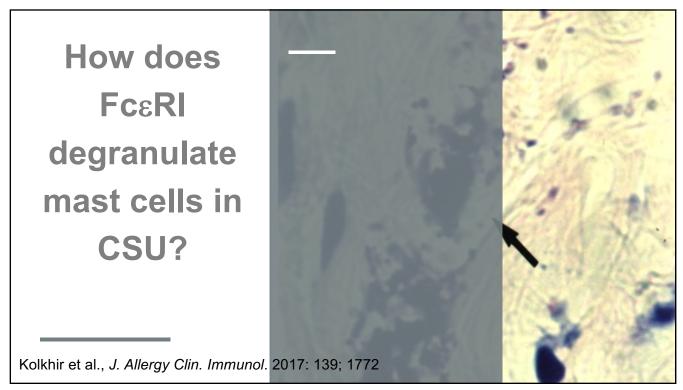


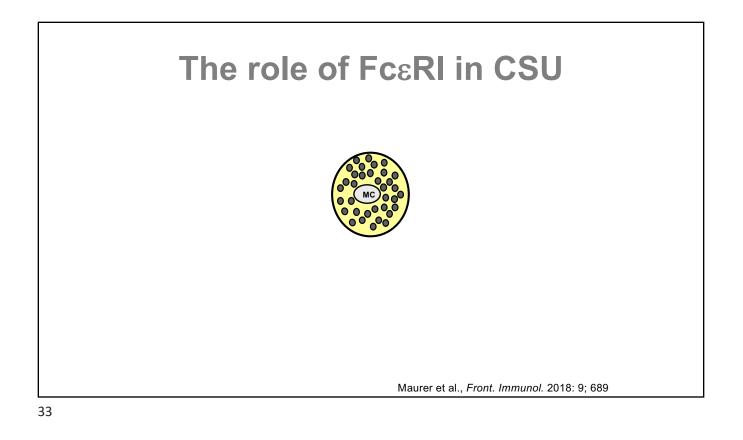


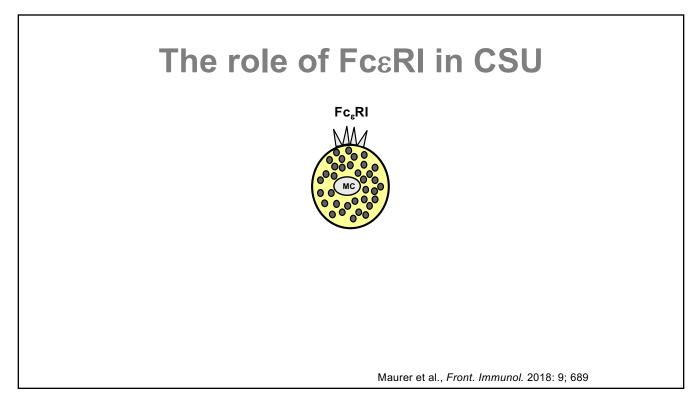


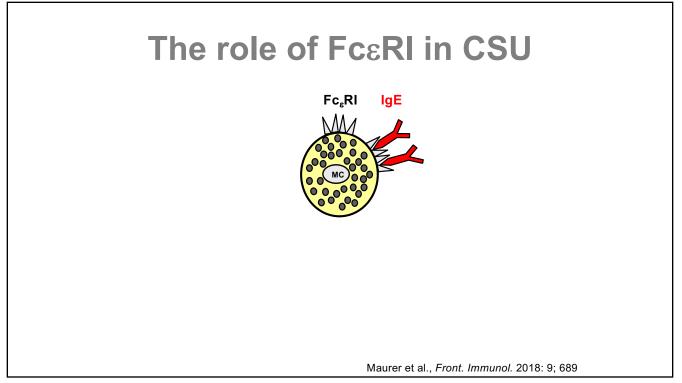


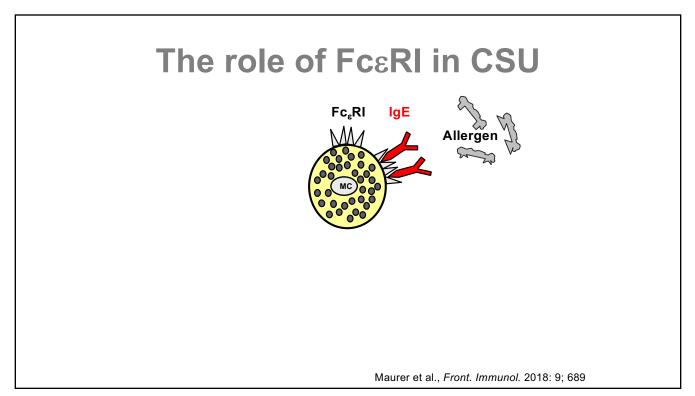


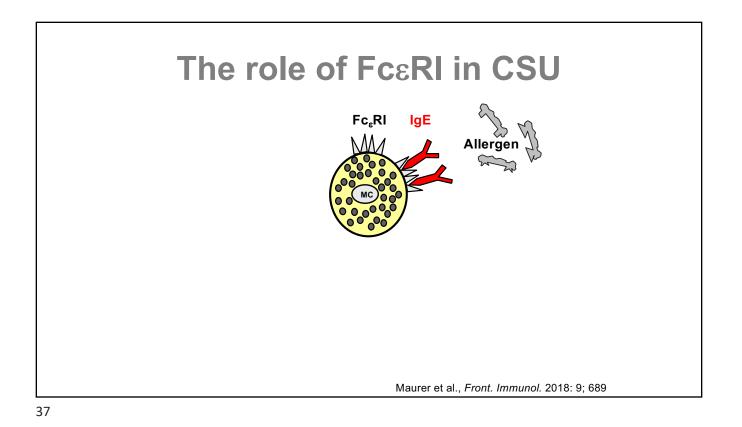


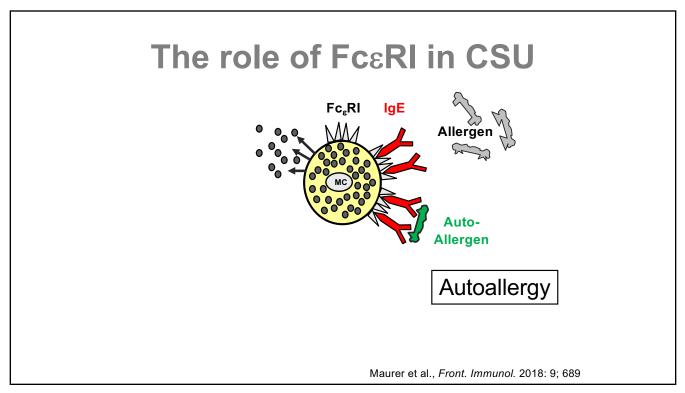


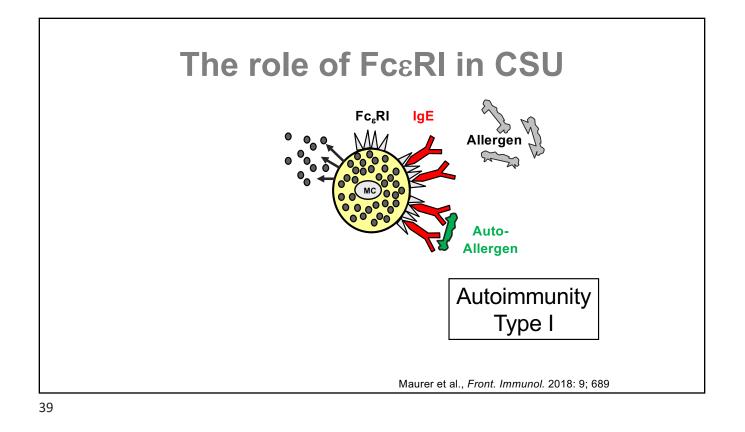


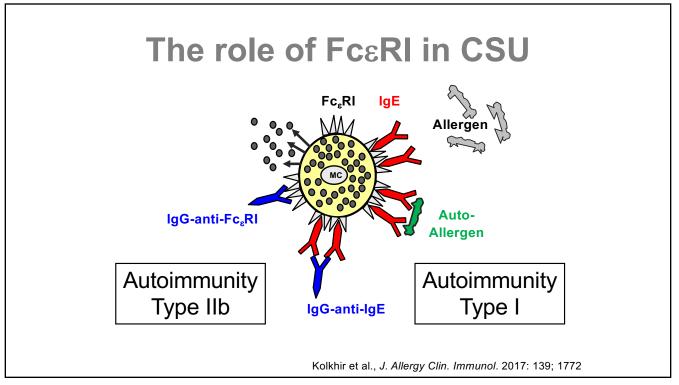


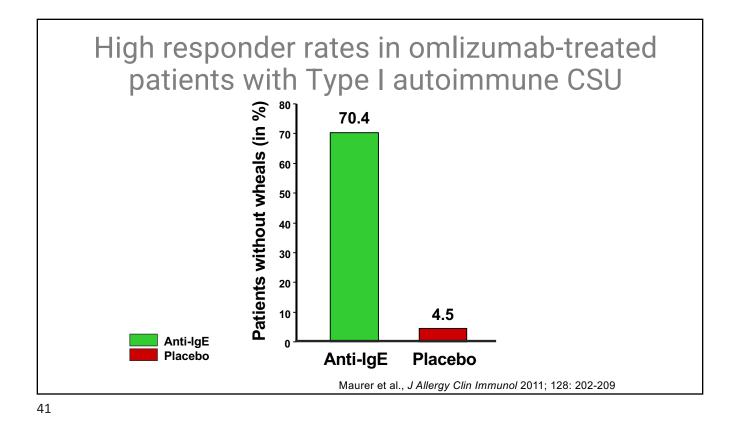


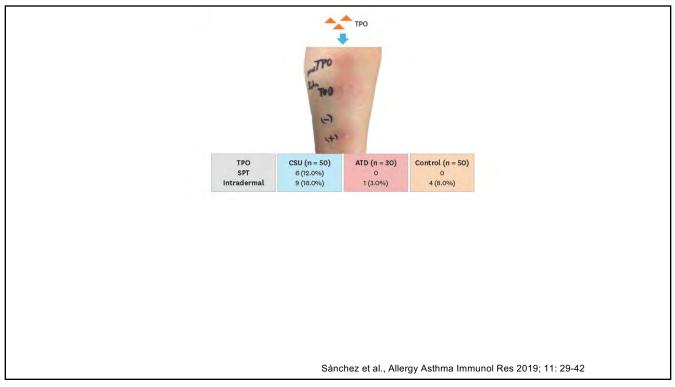


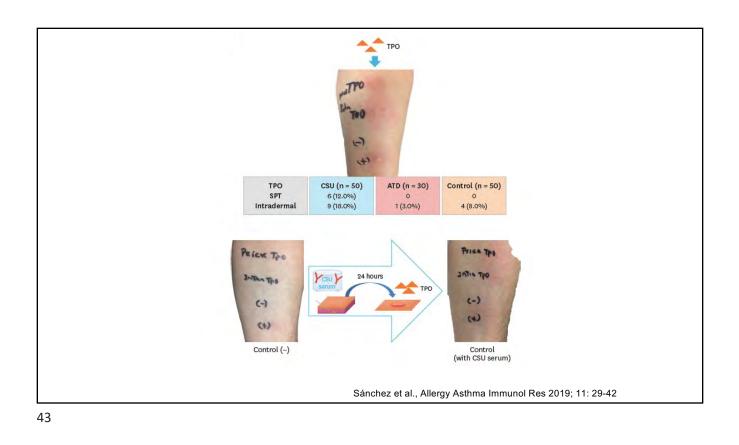


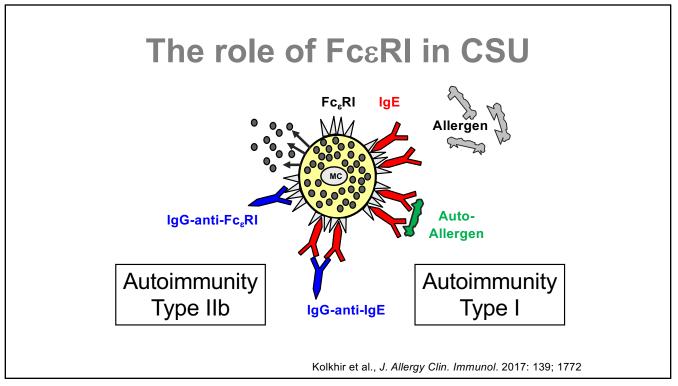


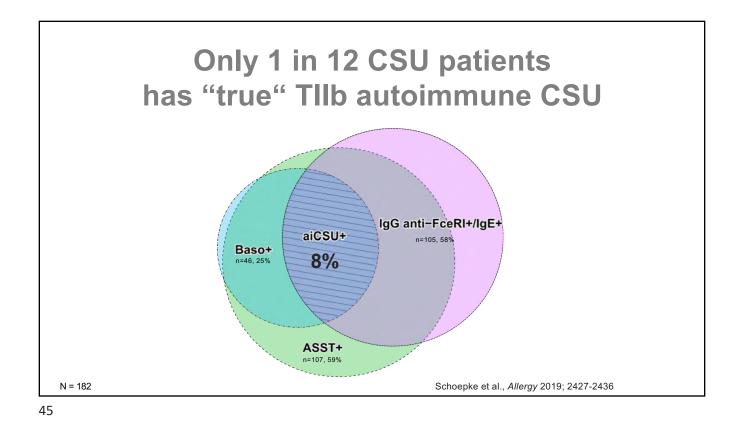


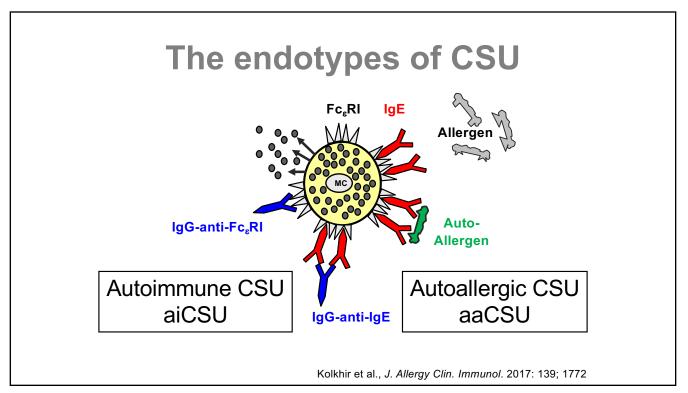






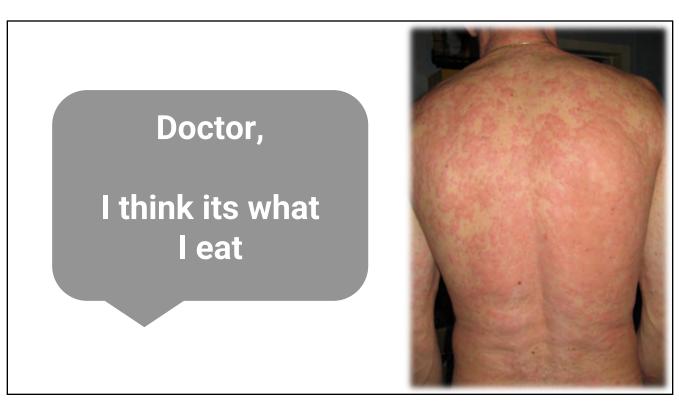




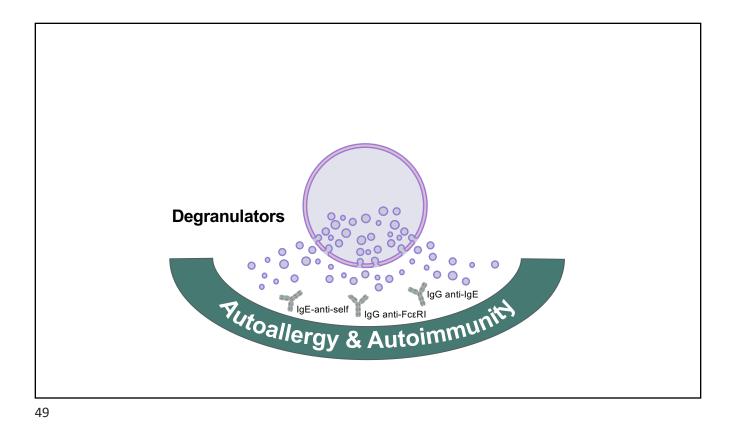


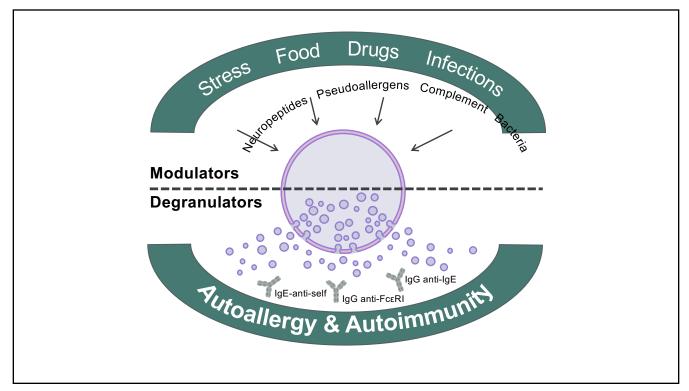
Type I aiCSU Type IIb aiCSU "True" autoimmunity **Autoallergy** Unknown rate of autoimmune cormobidity Rate of autoimmune cormobidity: High Rate or allergy comorbidity: Unknown Higher rate or allergy comorbiditiy Rate of ANA-positivity: Elevated Unknown rate of ANA-positivity Rate of eosinopenia: Elevated 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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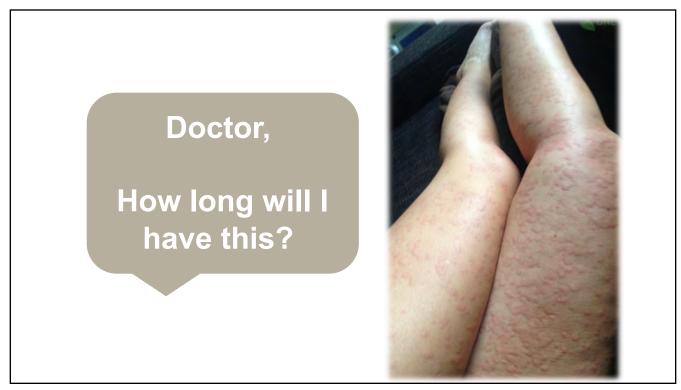


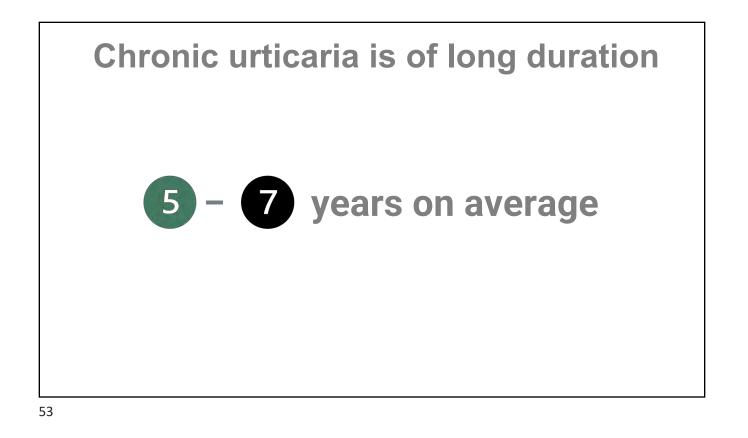
Kolkhir et al., J. Allergy Clin. Immunol. 2017: 139; 1772

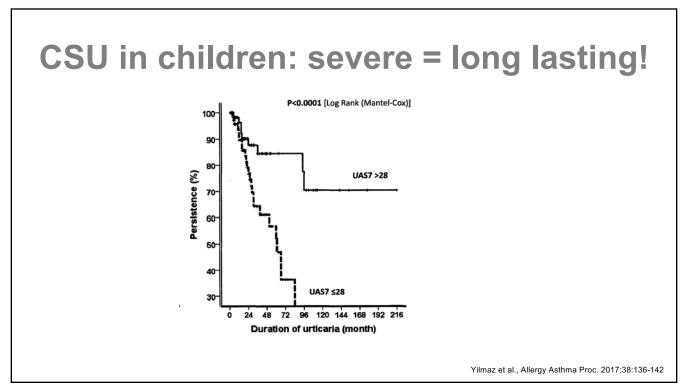




Possible Triggers (NOT CAUSES!!!) of CSU
NSAIDs (Ibu, Diclo, ASS)
Viral Infections
Stress

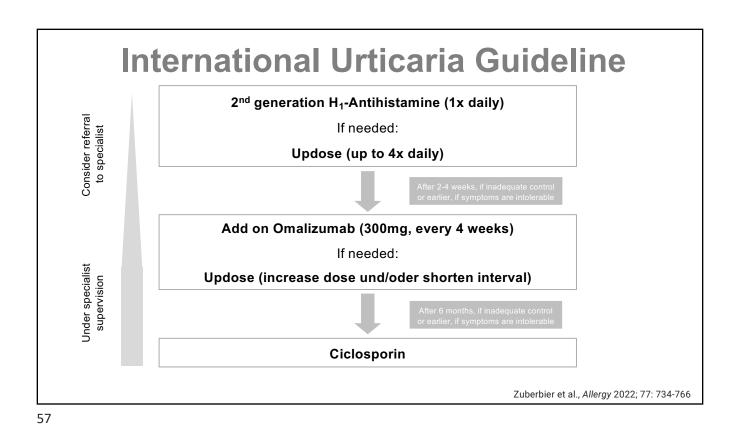


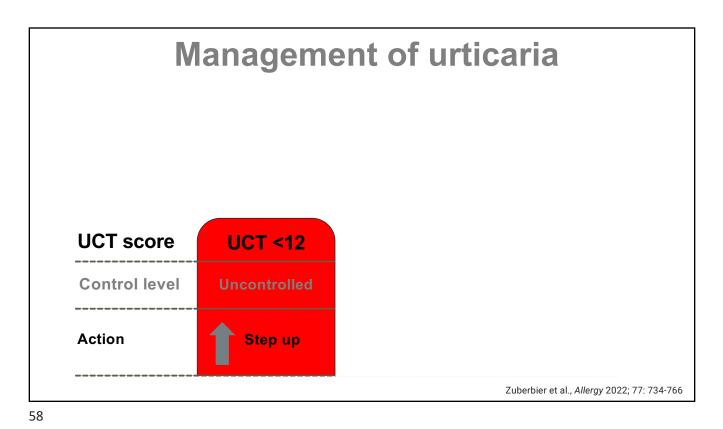


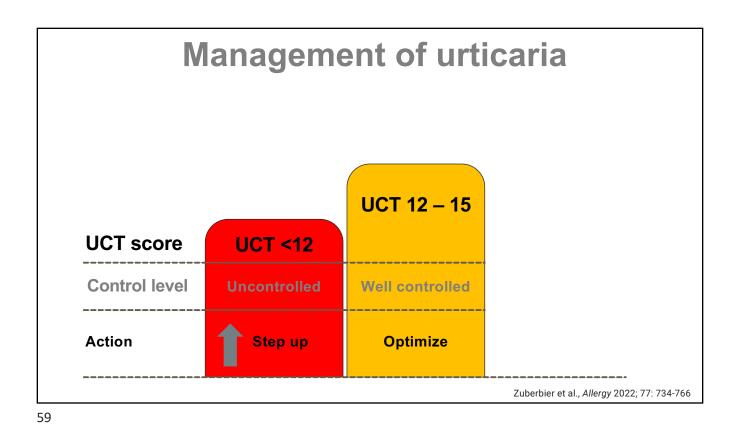


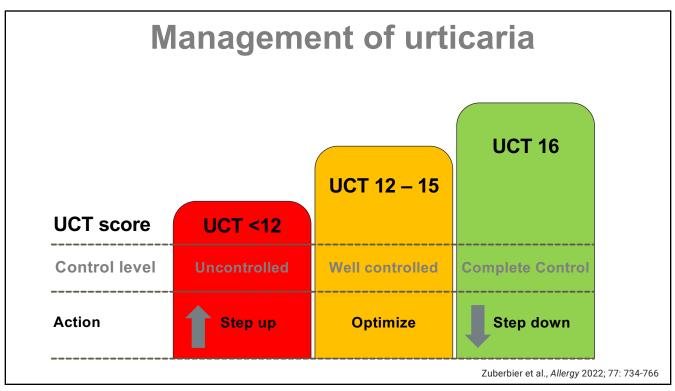




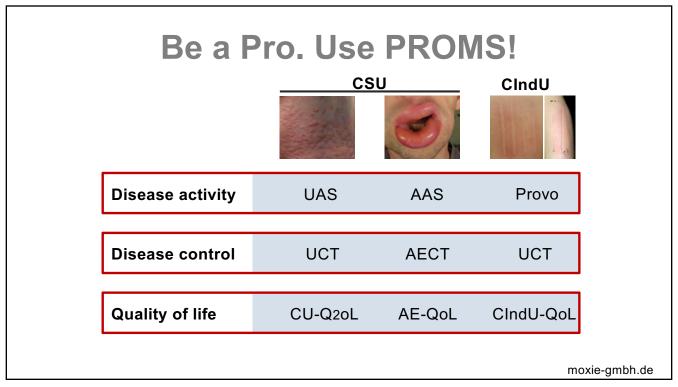




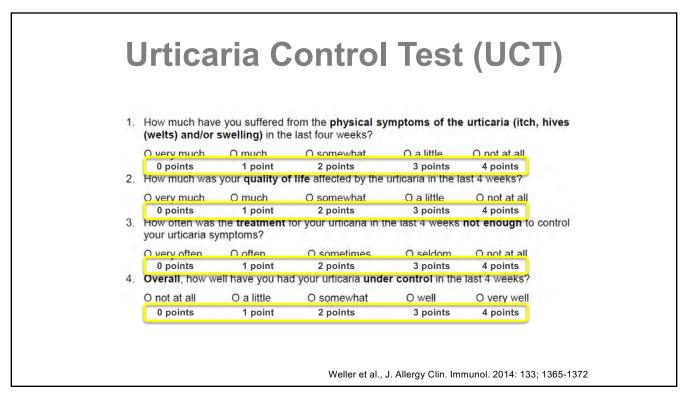


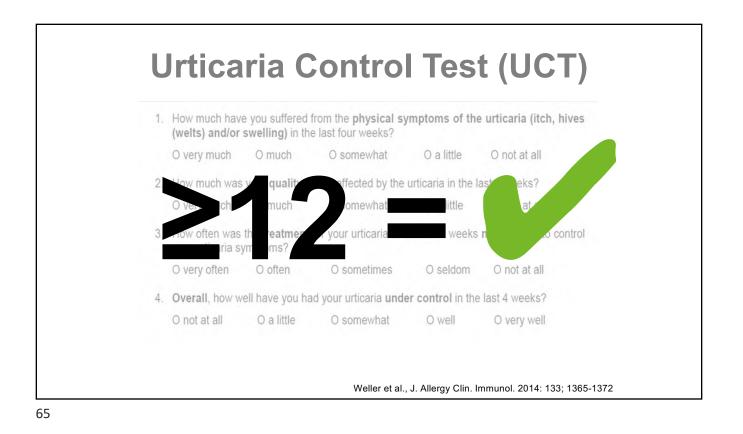


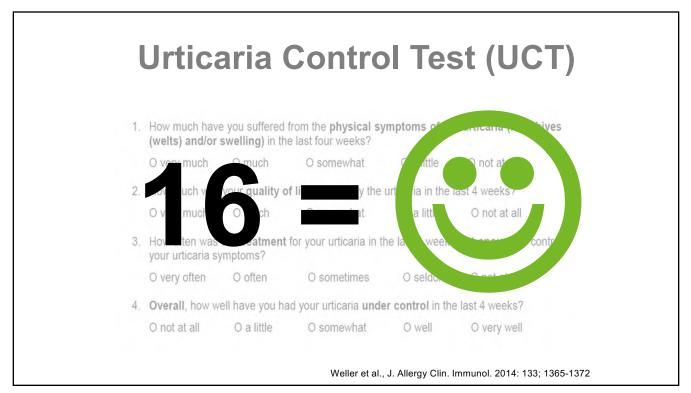




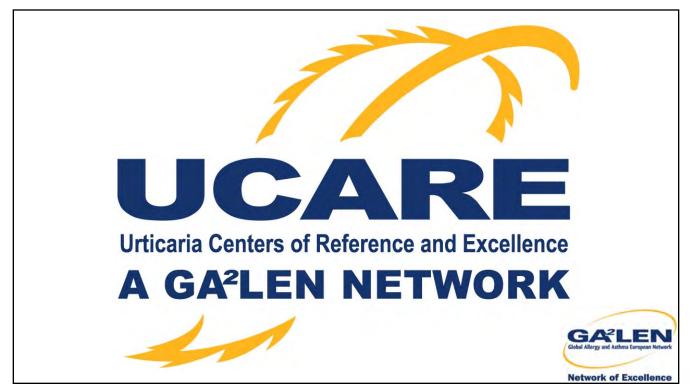
1.	How much have you suffered from the physical symptoms of the urticaria (itch, hives (welts) and/or swelling) in the last four weeks?						
	O very much	O much	O somewhat	O a little	O not at all		
2.	How much was your quality of life affected by the urticaria in the last 4 weeks?						
	O very much	O much	O somewhat	O a little	O not at all		
3.	How often was the treatment for your urticaria in the last 4 weeks not enough 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		

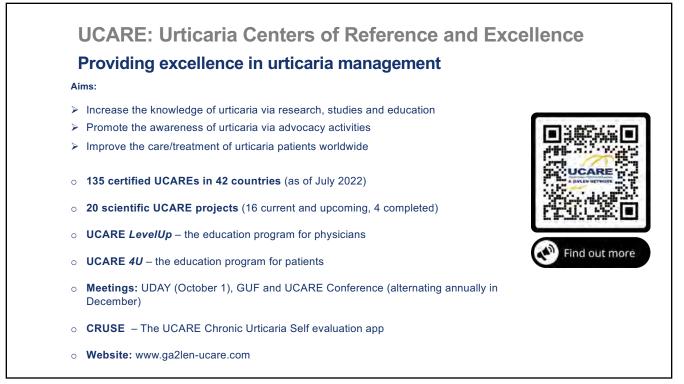




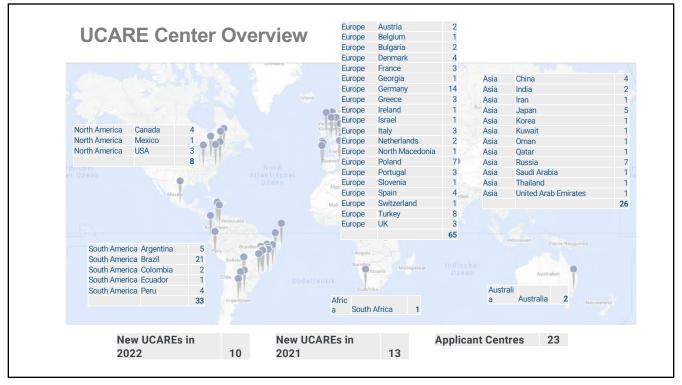


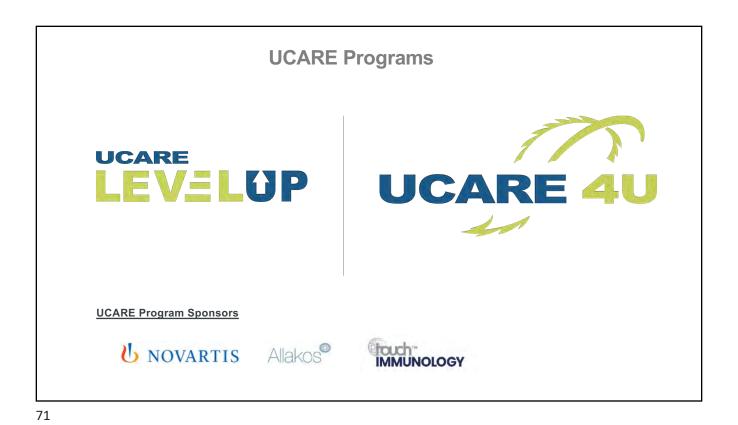






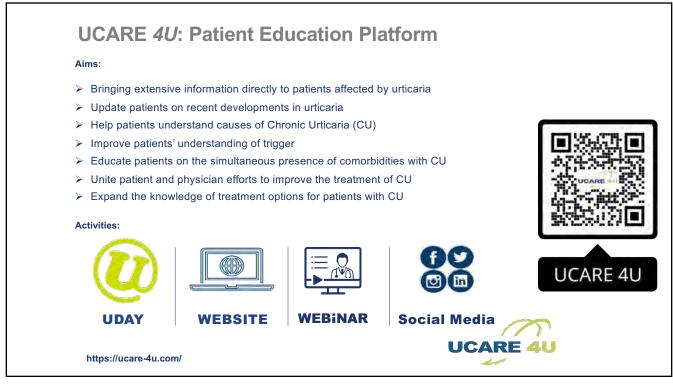




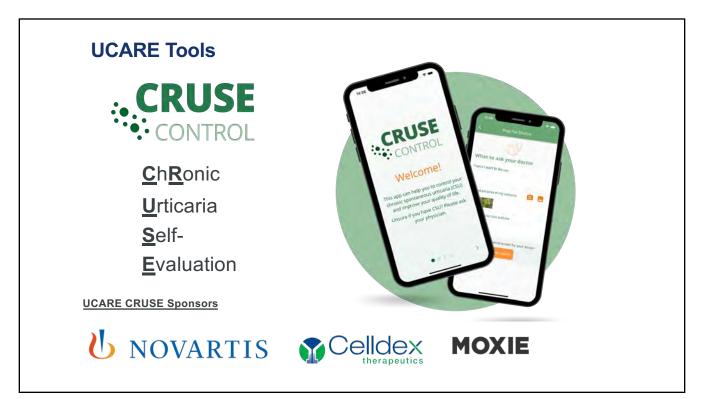


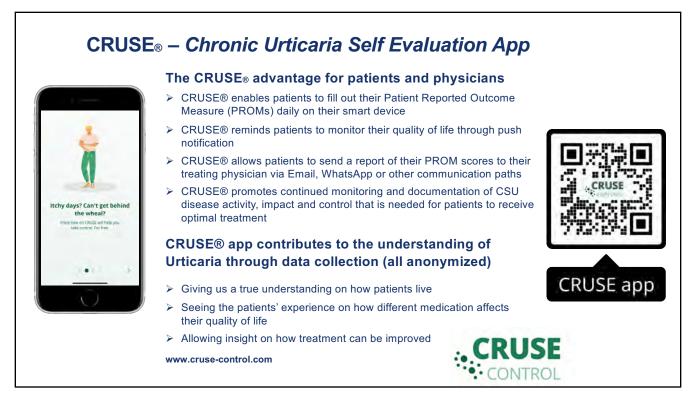
UCARE LevelUp: Physician Education Platform Aims: > Update physicians on recent developments in urticaria, > Establish a platform for interaction among physicians who treat patients with CU, > Improve the interaction of general practitioners and specialist > Build strategic therapeutic plans for patient > 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

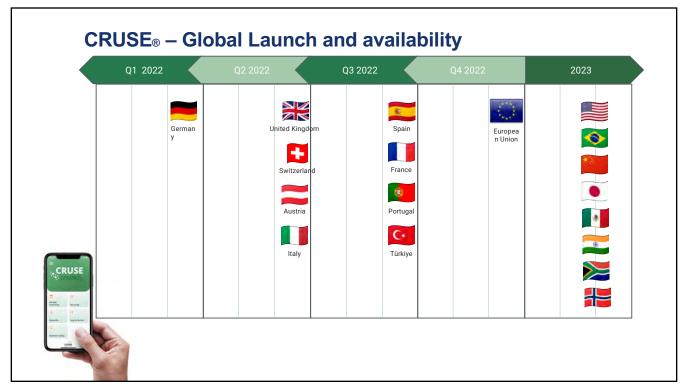
	Format	Number of events	Live Registrations	Views on demand	Events in preparation
	Webinar	3	480 (136 /43 /301)	474 (172 / 186 / 116)	6
	Educational Video	3	Not applicable	602 (280 / 168 / 154)	4
PODCAST	Newsletter	3	Not applicable	Not Available	3
	Podcast	42	Not applicable	8,500	8
JOURNAL	Fireside Chat	3	228 (62 / 109 / 57)	280 (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	380 (160 / 121		1162 (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?

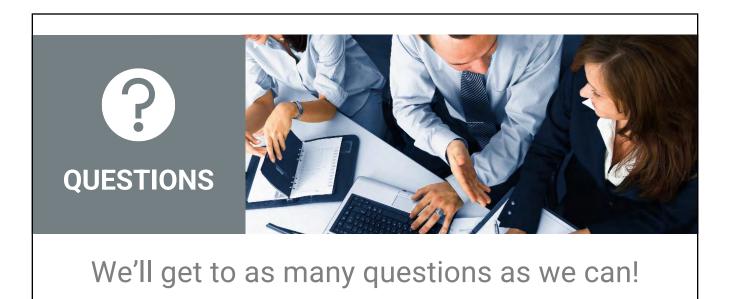


Take part in a research interview and earn \$185

https://survey.cmix.com/3DD 9872D/7E305C4Q/en-US

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