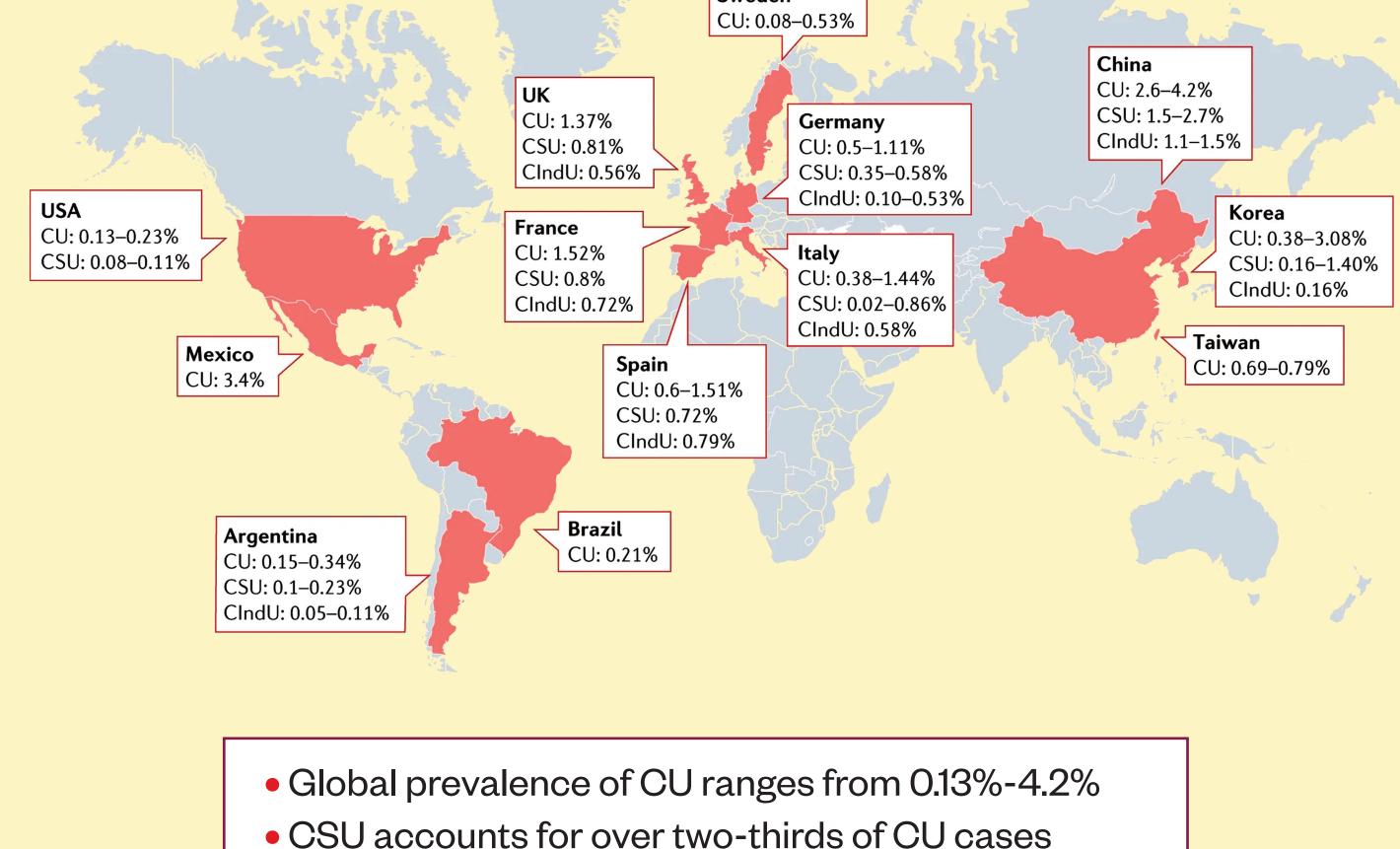
# THE BURDEN OF CHRONIC

## CU is a mast cell-mediated condition characterized by the recurrent occurrence of urticaria and/or angioedema for at least 6 weeks. CU impacts

Global Prevalence of CU

the daily lives of many individuals, with a prevalence ranging from 0.1%-4% depending on the country. Sweden

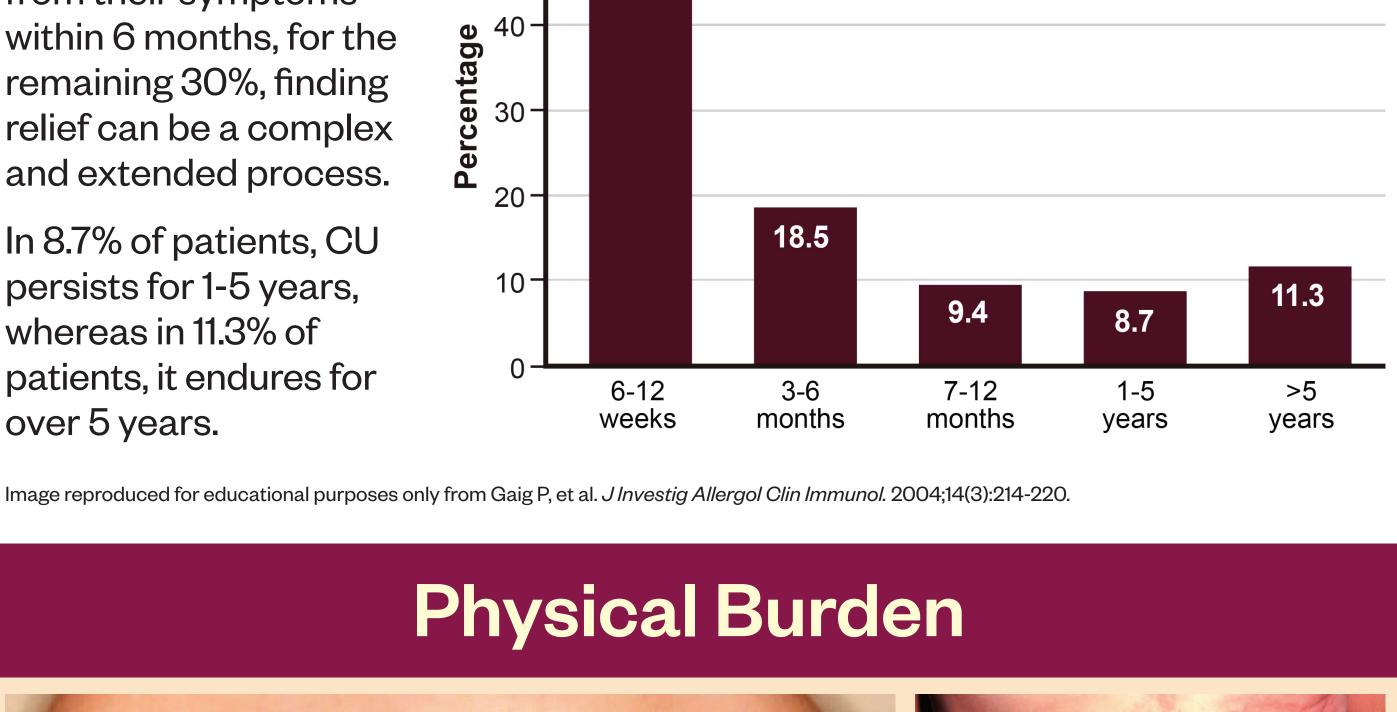


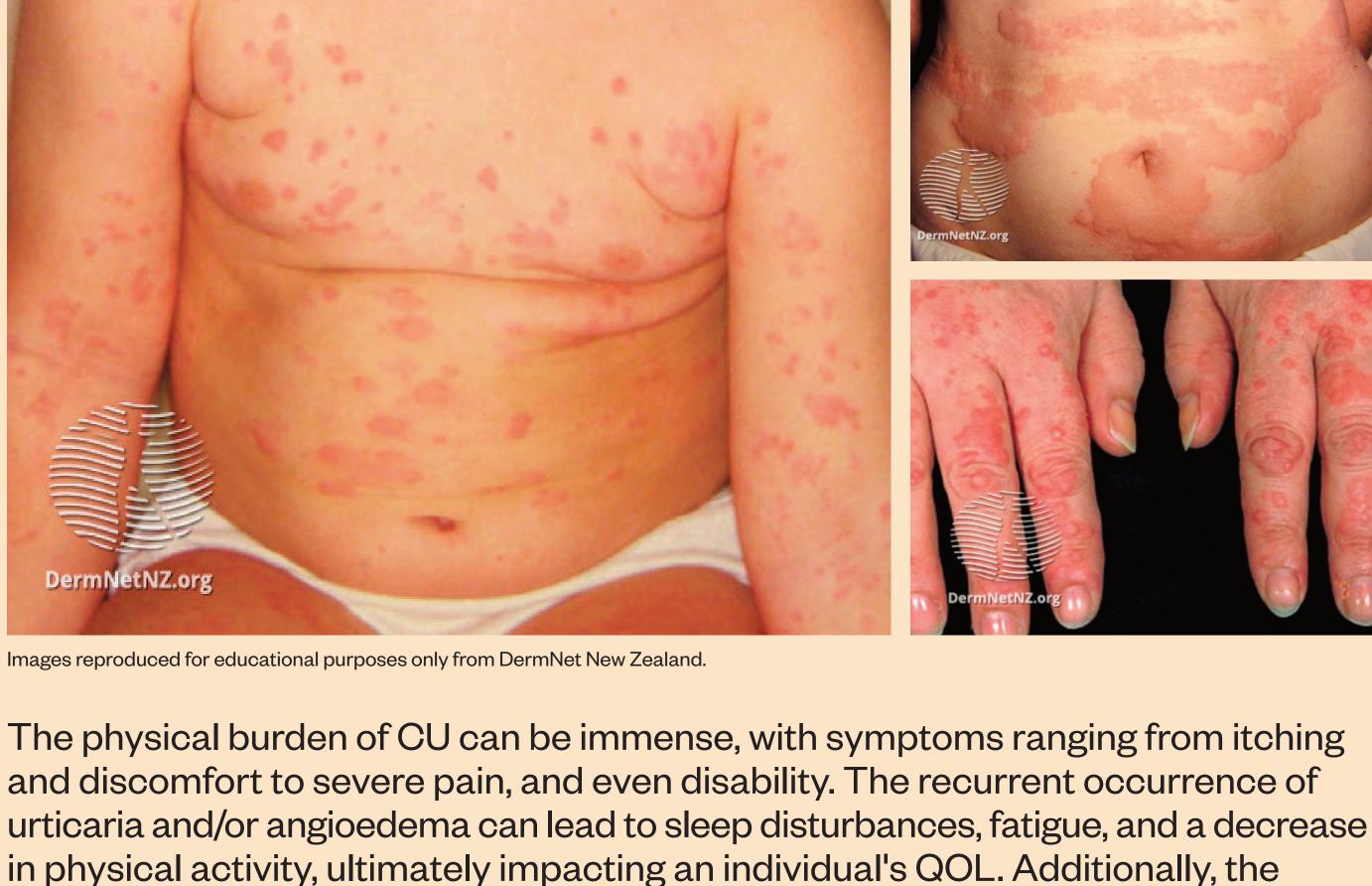
More prevalent in women than men (2-4:1 ratio)

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  - Time to Symptom-Free Recovery

### Although approximately 60 70% of patients with CU 50 can expect to recover 52.3 from their symptoms

remaining 30%, finding relief can be a complex and extended process. In 8.7% of patients, CU persists for 1-5 years, whereas in 11.3% of patients, it endures for over 5 years.







further physical and emotional strain.

**Patients experience:** Physical burden varies depending on the: Severe itching, hives, and skin swelling Severity of the disease Pain and discomfort Individual patient Interference with daily activities Fatigue Loss of sleep

unpredictable nature of CU can cause significant stress and anxiety, leading to

- Associated Comorbidities of CU

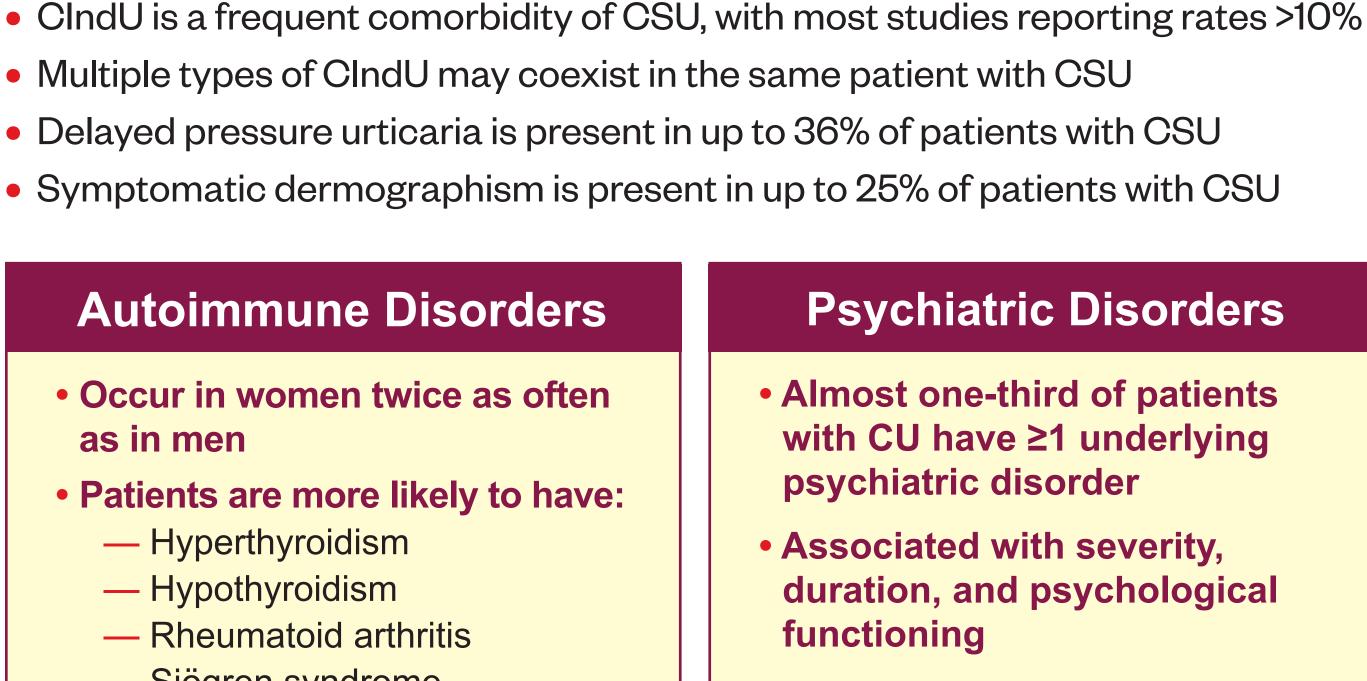
# individual, leading to increased symptom severity, decreased QOL, and additional healthcare costs.

Concomitant CSU and CIndU

Individuals with CU are also at an increased risk of developing comorbidities,

including skin disorders, autoimmune diseases, and psychiatric conditions. The

presence of these comorbidities can further exacerbate the burden of CU on an



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— Sjögren syndrome — Type 1 diabetes

Abnormal serologic markers

are often present, including:

— Anti-thyroid antibodies

— Mean platelet volume

— Rheumatoid factor

- Antinuclear antibodies
- unpredictability of the condition and its chronic nature can lead to social isolation, anxiety, and depression. Furthermore, the symptoms of CU, such as itching, pain, and fatigue, can significantly impact daily activities, leading to decreased
- Celiac disease
- The impact of CU on an individual's QOL cannot be overstated. The

productivity and an overall reduction in QOL.

Physical and mental components

Work productivity

economic burden of CU.

Activity impairment

asthma, and dyspepsia)

Patients with CSU had similar health status scores

Compared with patients with psoriasis:

## **Psychiatric Disorders** Almost one-third of patients with CU have ≥1 underlying psychiatric disorder Associated with severity, duration, and psychological functioning

Most common disorders are:

— Mood disorders (depressive

Post-traumatic stress disorder

or dysthymic disorder)

— Obsessive-compulsive

Substance use disorder

— Sleep disorders

— Anxiety

disorder

Quality of Life

# Self-reported psychological complaints Comorbidities (nasal allergies, dermatologic conditions, severe allergic

Compared with patients awaiting double coronary bypass:

Limitation of mobility and pain were more severe in patients with heart

disease, but sleep disruption was more severe in patients with CSU

Patients with CSU had significantly lower QOL when considering:

Socioeconomic Burden CU can have a significant socioeconomic impact, with individuals experiencing

lost productivity due to missed work or school. The cost of healthcare utilization,

such as doctor visits, medication, and hospitalization, also contributes to the

— Total direct and indirect costs per patient with CSU, mean (SD):

# \$244 million annually Economic burden is higher with biologic treatments

— Total direct and indirect costs of CSU:

treatment options for individuals with CU.

with maximal doses

control with anti-lgE therapy

\$2047 (\$1483) annually

Before biologic treatments (in the United States):

Conventional treatments for CU, such as antihistamines and immunosuppressants, are often ineffective in a significant proportion of patients and are associated with numerous adverse events. Additionally, some individuals may require longterm use of these medications, further increasing the risk of adverse events. The limitations of conventional treatments highlight the need for novel and effective

Approximately 40%-55% of patients do not respond to antihistamines, even

Only 40% of patients with CSU in clinical trials achieve complete symptom

**Limitations of Conventional Treatments** 

— 60% of responders will relapse within 2 months of treatment discontinuation Overall, about 1 in 5 patients do not achieve adequate control with available treatments **Abbreviations** 

CIndU: chronic inducible urticaria CSU: chronic spontaneous urticaria CU: chronic urticaria

- IgE: immunoglobulin E QOL: quality of life
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