**Table S1.** Diagnostic criteria of psoriasis and comorbidities, as defined by the fitness-for service classification numerical codes

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| Diagnosis | Diagnostic criteria |
| PsoriasisContact dermatitis | * Mild: localized skin area involvement, only treated topically
* Moderate to severe: with extensive skin area involvement or requires phototherapy or systemic therapy
* *Diagnosis requires a consultation with a board-certified dermatologist*
* Irritant or allergic contact dermatitis
* A characteristic rash after exposure to a suspected substance, with the appropriate location and interval
* Supported by positive patch tests for the suspected substance or by clinical improvement after the cessation of that exposure
* Diagnosis requires a consultation with a board-certified dermatologist
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| Vitiligo and photosensitive diseases | * Includes polymorphous light eruption, photosensitive eczema, actinic reticuloid, lichen actinicus, vitiligo, albinism, xeroderma pigmentosum
* Diagnosis requires a consultation with a board-certified dermatologist
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| Hyperhidrosis | * Diagnosis requires a consultation with a board-certified dermatologist
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| Inflammatory bowel disease | * Chronic or recurrent attacks
* Diagnosis requires radiological, endoscopic, or histological diagnosis
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| Irritable bowel syndrome | * Functional disorder of the gastrointestinal tract which complies with known diagnostic criteria
* Diagnosis requires a consultation with a board-certified gastroenterologist
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| Arthritis | * Includes rheumatoid arthritis, psoriatic arthritis, reactive arthritis, and juvenile arthritis
* Diagnosis requires a consultation with a board-certified rheumatologist
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