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

|  |  |
| --- | --- |
| Diagnosis | Diagnostic criteria |
| Psoriasis  Contact 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 |
| 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 |
| Hyperhidrosis | * Diagnosis requires a consultation with a board-certified dermatologist |
| Inflammatory bowel disease | * Chronic or recurrent attacks * Diagnosis requires radiological, endoscopic, or histological diagnosis |
| Irritable bowel syndrome | * Functional disorder of the gastrointestinal tract which complies with known diagnostic criteria * Diagnosis requires a consultation with a board-certified gastroenterologist |
| Arthritis | * Includes rheumatoid arthritis, psoriatic arthritis, reactive arthritis, and juvenile arthritis * Diagnosis requires a consultation with a board-certified rheumatologist |