

**Supplementary Table S1.** The corresponding ICD-9-CM codes for the diagnoses of diseases and Anatomical Therapeutic Chemical (ATC) for drug

Disease	Corresponding ICD-9-CM codes
Hepatitis C virus infection	070.41, 070.44, 070.51, 070.54, V02.62
Human immunodeficiency virus	042, 043, 044, V08, 795.8
Autoimmune rheumatic diseases	710.4, 710.1, 710.3, 710.4, 446.0–446.7, 136.1
Sjögren's syndrome	710.2
Thyroid diseases	240–242, 244–246
Drug	ATC code
Anti-HCV therapy (Interferon-based therapy)	L03AB01, L03AB02, L03AB03, L03AB04, L03AB05, L03AB06, L03AB07, L03AB08, L03AB09, L03AB10, L03AB11, L03AB12, L03AB13, L03AB14, L03AB15, L03AB60, L03AB61