

Supplemental file 2. Diagnostic groups and associated ICD-10 codes registered on hospital discharge diagnoses for patients with HZ diagnosis.

Diagnostic group	ICD-10code
UNCOMPLICATED HERPES ZOSTER	B029, B02
Herpes zoster (B02)	B02 (if in combination with complicated HZ, the case is included in complicated HZ only)
Uncomplicated herpes zoster; Herpes zoster other (B029)	B029 (if in combination with complicated HZ, the case is included in complicated HZ only)
COMPLICATED HERPES ZOSTER	B020, B021, B022, B023, B027, B028
HZ encephalitis, HZ meningoencephalitis (B020)	B020
HZ meningitis (B021)	B021
Postherpetic neuralgia (B022)	B022
HZ in eye (B023)	B023
HZ disseminated (B027)	B027
HZ with other complications (B028)	B028
COMORBIDITIES AND OTHER CONDITIONS*	
<i>IMMUNODEFICIENCY</i>	
Malignancies affecting immune system	C81-C85.9, C88-C88.9, C90-C96.9
HIV/AIDS	B20-B24.9, Z21, R75, F024
Organ transplantation	Z94-Z94.9, Y830, N165, T824, T861, T862, T863, T864
<i>AUTOIMMUNE DISEASES</i>	
Hematological system	D590, D591, D693
Endocrine system	E050, E063, E271, E10
Central nervous/ neuromuscular system	G35, G700
Gastrointestinal/ hepatobiliary system	D510, K50-K51.9, K743, K900, M074, M075, K523
Skin	L20-L20.9, L100, L101, L102, L104L120, L129, L130, L40-L40.9, L80, L88, L93-L93.2, M070, M071, M072, M073, O264
Rheumatoid arthritis	M05-M06.9, I528
Juvenile rheumatoid arthritis	M08-M08.9
Ankylosing spondylitis	M45, H221
Systemic lupus erythematosus	M32-M33.9, G058, L931, L932
Systemic scleroderma	M34-M34.9
Mixed connective tissue disease	M351
Sjögren´s syndrome	M350
Sarcoidosis	D86-D86.9, G532, M633
Vascular diseases	D690, I776, L95-L95.9, M30-M31.9, M353, M356
Ocular diseases	H200, H201
Pulmonary system	J841
Diabetes	E10, E11, E12, E13, E14, H360, N083, O244, O249

Kidney disorders	N00-N08, N10-N16, N17-N19, N20-N23, N25-N29.8
Dialysis	Z49-Z49.2, Z992,T824, Y602, Y612, Y622, Y841
Pregnancy	Z321, Z33, Z34-Z37.9, Z390, O20-O29.9
Neurological conditions	F050, F058, F059, F060, G040, G048, G049, G458, G459, G500, G501, G530, R202, R260, R261, R560
Other malignancies	C00-C75, C97, Z08-Z08.9, Z511, Z85-Z85.9
Liver disorders	K70-K77
Stroke	I60-I69

*The category includes ICD-10 codes registered on hospital discharge diagnoses for patients with HZ diagnosis.