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| Oral Ulcer\*\* To be considered as having the oral ulcer criteria, patients need to have 2 of the inclusions codes on at least 2 separate dates | (ICD-9: '478.19','528.2','528.9', '529.9'**OR**ICD-10-CM: 'J34.1','J34.89','K12', 'K13.79')**AND NOT**(ICD-9: '054.9','099.3','136.1','447.6','536.8','555.9','560.89'ICD-10-CM: 'B00.9','K30','K50.90','K56.69','L95','M02.30','M35.2') |
| Alopecia | ICD-9: '704.00','704.01'**OR**ICD-10-CM: 'L66.0','L66.2','L66.8','L95.9'**AND NOT**(ICD-9: '280.8','280.9'ICD-10-CM: 'D50.8','D50.9') |
| Neurological | ICD-9: '053.13','293.0','293.9','294.9','298.9','300.11','323.81','323.82','323.9','345.10','345.40','345.50','345.80','345.81','345.9%','349.9','354.2', '354.5','354.8','355.8','355.9','356.4','356.8','356.9','357.1','357.6','357.7', '357.9','730.07','730.18','730.20','730.25','730.70','780.39'**OR**ICD-10-CM: 'B02.23','F05','F06.8','F29','F44.5','G04.89','G04.90','G04.91','G40.%', 'G56.80','G56.90','G57.90','G57.91','G58.0','G58.7','G58.9','G60.3','G60.8', 'G60.9','G62.0','G62.2','G62.9','G63','G90.09','G96.9','M86.072','M86.179', 'M86.279','M86.8X8','M86.9','M89.60','R56.9'**AND NOT**(ICD-9: '042','136.9','250.60','250.62','357.2','709.1','457.1'ICD-10-CM: 'B20','B89','B99.9','E08.42','E09.42','E10.42','E11.40','E11.42','E13.42', 'I89.0','L95.9', ‘G04.00’, ‘G04.01’, ‘G04.02’, ‘G04.2’, ‘G04.30’, ‘G04.31’, ‘G04.32’, ‘G04.39’, ‘G92’**AND NOT the following if within 7 days of an inclusion code**ICD-9: ‘959.%’ICD-10: 'S09.8XXA','S09.90XA', 'S09.93XA','S19.9XXA','S29.8XXA','S39.81XA', 'S39.840A','S39.848A','S39.82XA','S49.80XA','S49.90XA','S59.809A','S59.819A', 'S59.909A','S59.919A','S69.80XA','S69.90XA','S79.819A','S79.829A','S79.919A', 'S79.929A','S89.80XA','S89.90XA','S99.819A','S99.919A','T07.XXXA','T14.90XA') |
| Arthritis\*\* To be considered as having the arthritis criteria, patients need to have 2 of the inclusions codes on at least 2 separate dates | ICD-9: '716.40','716.48','716.[5,9]%','716.80','716.88','716.89','719.00','719.08','719.49','719.80', '719.88','719.89','V13.4', '719.[6,9]%'**OR**ICD-10-CM: 'M12.80','M12.88','M12.89','M13.0','M25.40','M25.48','M25.50','M25.9'**AND NOT**(ICD-9: '715.%'ICD-10-CM: 'M15.0','M15.9','M15.1','M15.2','M19.91','M19.019','M19.029','M19.039', 'M19.049','M16.10','M17.10','M19.079','M19.93','M19.219','M19.229', 'M19.239','M19.249','M16.7','M17.5','M19.279','M19.93','M19.90','M18.9', 'M16.9','M17.9','M15.8','M15.3’) |
| Serositis\*\* To be considered as having the serositis criteria, patients need to have 2 of the inclusions codes on at least 2 separate dates | ICD-9: '420.0','420.9%','423.2','423.9','511.0','511.89','511.9','785.3','786.51','786.52','786.7'**OR**ICD-10-CM: 'I30.0','I30.8','I30.9','I31.1','I31.3','I31.9','I32','J90','J91.8','J94.2','J94.8', 'J94.9','R07.1','R07.2','R07.81','R09.1','R09.89'**AND NOT**(ICD-9: '041.9', '788.99'ICD-10-CM: 'B96.89', 'R30.1','R39.2','R39.82','R39.89'**AND NOT the following if within 7 days of an inclusion code:**ICD-9: ‘486’, ‘415.1%’, ‘416.2%’,’ V12.55’, ‘786.50’,’410.%’,’412.%’ICD-10: ‘J18.9’, ‘I26.%’,’I27.82’, 'S09.8XXA','S09.90XA', 'S09.93XA','S19.9XXA', 'S29.8XXA', 'S39.81XA', 'S39.840A','S39.848A','S39.82XA','S49.80XA','S49.90XA','S59.809A','S59.819A', 'S59.909A','S59.919A','S69.80XA','S69.90XA','S79.819A','S79.829A','S79.919A', 'S79.929A', 'S89.80XA','S89.90XA','S99.819A','S99.919A','T07.XXXA','T14.90XA',’Z48.89’,’I21.%’,’I22.%’, ‘I23.%’,’I25.2’CPT: '33510','33511','33512','33513','33514' ,'33515','33516','33517','33518','33519','33520','33521','33522','33523','33530','33533','33534','33535','33536','33542','33545','33548','33390','33391','33474','33927','33928','33929','33930','33933','33935','33940','33944','33945','32035','32036','32096','32097','32098','32100','32110','32120','32124','32140','32141','32150','32151', '32160','32505','32506','32507',’32440’,'32442','32445','32480','32482','32484','32486','32488','32491','32503','32504', ‘32850’, ‘32851’, ‘32852’, ‘32853’, ‘32854’, '32905','32906'ICD-9-Procedure-Codes: ’35.1%’ ,’36.1%’,’37.5%’, '35.51','35.53','36.03','36.2','37.33','37.91','39.61','39.62',’07.12’,'41.33','43.89','44.15','45.15','45.26',’45.7%’,'48.25','48.43','48.52','50.12','50.23','51.13','52.12','53.01','53.02','53.03','53.04','53.11','53.12','53.13','53.14','53.15','53.16','53.41','53.49','53.61','53.69','53.72','53.84','54.12','55.24','55.32','56.34','57.34','57.59','32.23'ICD-10-Procedure-Codes: ‘02xx0xx’,‘02YA%’,’3E080GC’,’0Dxx0xx’,’0Fxx0xx’,’0Yxx0xx’, ‘0Bxx0xx’,’0Wxx0xx’,’07xx0xx’,’0Gxx0xx’,’0Txx0xx’) |
| Acute Cutaneous Lupus\*\* To be considered as having the acute cutaneous criteria, patients need to have 2 of the inclusions codes on at least 2 separate dates | ICD-9: '694.5','695.15','695.4','696.2',’692.72’**OR**ICD-10-CM: 'L12.0','L12.8','L41.0','L41.1','L41.8','L51.2','L56.0','L56.2','L93.0','L93.2'**OR**Medications: (Plaquenil or hydrochloroquine) **AND** (ICD9 782.1 or ICD10 R21)**AND NOT**(ICD-9: '710.3'ICD-10-CM: 'M33.90') |
| Chronic Cutaneous Lupus\*\* To be considered as having the chronic cutaneous criteria, patients need to have 2 of the inclusions codes on at least 2 separate dates | ICD-9: '373.34','729.30','991.5', '695.4'**OR**ICD-10-CM: 'H01.129', 'M79.3', 'T69.1XXA' |
| Renal | CD-9: '593.6','593.81','791.7'**OR**ICD-10-CM: 'N28.0','N28.9','R80','R80.9','R82.99'**OR**LOINC: '2889-4',’21482-5’ (value >500mg)**OR**LOINC: ‘51790-4‘,‘33804-6’, ‘5807-3’ (value >0/hpf) |
| Thrombocytopenia | LOINC:’ 26515-7’,’ 777-3’ (value < 100 K/uL)**AND NOT** the following if within 7 days of an inclusion code: ICD-9: '642.[4-7]%' ICD-10: 'O14%','O11%'**AND NOT**(ICD-9: '287.39','287.49','572.3'ICD-10-CM: 'D69.49','D69.59','K76.6') |
| Leukopenia | LOINC: ‘731-0’, ‘26474-7’ (value <1.5 K/uL)LOINC: ‘26464-8’,‘6690-2’ (value <4 K/uL)**AND NOT**(ICD-9: '288.03','305.90','572.3','714.1'ICD-10-CM: 'F18.10','K76.6','M05.00',’M30.%’,’M31.%’,'D70.1','D70.2') |
| Hemolytic Anemia | **(** ( LOINC: '718-7','20509-6',’30350-3’, ’30352-9’, ‘30351-1’ (value < 8 g/dl) **OR** LOINC: ‘4544-3’, ‘41654-5’, ‘32354-3’ (value < 28) ) **AND NOT** the following if within 7 days of an inclusion code:ICD-9: '642.[4-7]%' ICD-10: 'O14%','O11%**'****OR**LOINC: '31111-8','4679-7','17849-1','31112-6' (value >3%))**AND**LOINC: ‘2532-0’, ‘14804-9’, ‘14805-6’ (value > 2 TIMES the normal upper limit in u/L, for example, if your upper limit is 234 u/L, then use >468 u/L) |
| Antinuclear Antibodies | LOINC: '29953-7','33253-6','40655-3','5048-4' (value >=1:80)**OR**LOINC: '42254-3','47383-5','59069-5','8061-4' (value positive or similar)**OR**LOINC: ‘5047-6’, ‘9423-5’ (value >=8 IU/mL) |
| Anti-dsDNA Antibodies | LOINC: ‘11013-0’,’34187-5’ (value >1:10)**OR**LOINC: ’6457-6’ , ‘12277-0’,‘31348-6’,’81716-3’ (value positive or similar)**OR**LOINC: ’37993-3’,’42200-6’,’47299-3’,’32677-7’,’5130-0’ (value>0.55 IU/mL) |
| Antiphospholipid Antibodies | LOINC: '3180-7','3181-5','3182-3','55443-6','8062-2','43362-3','55446-9','8065-5','43363-1','55445-1','8067-1' (value >20 G/MPL);**OR**LOINC: ‘75882-1’ (value positive or similar);**OR**LOINC: '44448-9','44449-7','56538-2','16135-6','16136-4','72488-0','1880-4','40456-6','44447-1','21108-6' (value>20 U/ml);**OR**(LOINC: ‘20507-0’,‘5292-8’ (value reactive or similar) **AND** LOINC: ‘5393-4’ (value negative)) |
| Anti-Sm Antibodies | LOINC: ’17589-3’, ’17590-1 ,’9722-0’ (value >=1:80)**OR**LOINC: ’17591-9’,’31627-3’,’5355-3’, ’5356-1’, ’5357-9’,’56730-5’ (value positive or similar)**OR**LOINC: ’17592-7’,’43182-5’ (value >=20) |
| Low Complement | LOINC: 4485-9 (C3 value <70 mg/dL, or <80 mg/dL if your site uses this higher cutoff)OR ifLOINC: 4498-2 (C4 value <9 mg/dL, or <11 mg/dL if your site uses this higher cutoff) |
| Direct Coombs Test (positive) | LOINC: ‘1007-4’, ‘1006-6’, ‘51006-5’ (value positive or similar) |