## Total events 84 Heterogeneity: Chi² = 25.43, df = 5 (P = 0 Test for overall effect: Z = 0.35 (P = 0.72) Praga2007 3 Subtotal (95% CI) Total events 3 Heterogeneity: Not applicable Test for overall effect: Z = 0.89 (P = 0.37) 25 25 23 23 2.9% 0.49 [0.10, 2.34] 3.1.3 MMF VS Control Dussol2008 1 Subtotal (95% CI) Total events 1 Heterogeneity: Not applicable Test for overall effect: Z = 0.69 (P = 0.49) 3.1.4 MMF VS CTX Fu2012 Hayati2019 Peng2016 Senthil2008 Subtotal (95% CI) 1.00 [0.21, 4.67] 0.34 [0.03, 4.27] 0.69 [0.21, 2.30] 1.94 [0.32, 11.76] 0.87 [0.40, 1.90]

1.7%

0.2% 4.7% 0.6% 5.5%

2.1% 12.1%

19 4

23

10 47 47

15 15

23 23 0.6%

Supplementary Figure 1. Direct meta-analysis for CR

4.4% 1.8% 4.0% 2.4% 8.4% 13.8% 34.7% 34 28 28

0.0001); l2:

Ω7

18 Heterogeneity: Chi<sup>2</sup> = 1.47, df = 3 (P = 0.69); l<sup>2</sup> = 0% Test for overall effect: Z = 0.35 (P = 0.72)

4

2

0 4 2

28 28

0.28); I<sup>2</sup> = 15%

Study or Subgroup 3.1.1 TAC VS CTX

Liang2017 Peng2016 Ramachandran2017 Xu2013 Subtotal (95% CI) Total events

chen2010 He2013 Liang2017

Total events

Total events

Total events

3.1.6 MMF vs CsA Choi2018 Subtotal (95% CI)

3.1.7 CsA VS Steroids Cattran2001 Subtotal (95% CI) Total events

3.1.8 CTX VS Control Donadio1974 Kosmadakis2010 Murphy1992 Subtotal (95% CI)

3.1.5 MMF VS Chlorambucil Chan2007 Subtotal (95% CI)

Heterogeneity: Not applicable Test for overall effect: Z = 0.77 (P = 0.44)

Heterogeneity: Not applicable
Test for overall effect: Z = 0.19 (P = 0.85)

Heterogeneity: Not applicable
Test for overall effect: Z = 0.42 (P = 0.68)

Total events 6
Heterogeneity: Chi<sup>2</sup> = 1.17, df = 1 (P = 0.2)
Test for overall effect: Z = 1.98 (P = 0.05)

Ponticel/1998 16 43
Reicher/1994 1 9
Subtotal (95% CI) 69
Total events 23
Test for overall effect: Z = 1,90 (P = 0.06)

3.1.10 Steroids vs Control
Cattarn 1989 16 81
Coggins 1979 4 34
Subtotal (95% CI) 115
Total ovents 20
Heterogeneity: ChiP = 0.24, df = 1 (P = 0.63); P = 0%
Test for overall effect: Z = 0.59 (P = 0.58)

14

3.1.9 CTX VS Chlorambucil

3.1.10 Steroids vs Control

3.1.11 Chlorambucil vs Steroids Ponticeli1992 Subtotal (95% CI) Total events

otal events 14 eterogeneity: Not applicable est for overall effect: Z = 1.07 (P = 0.29) 3.1.12 Chlorambucil vs Control

3.1.13 Rituximab vs comion
Dahan2016 7
Subtotal (95% CI)
Total events 7
Heterogeneity: Not applicable
Test for overall effect: Z = 1.97 (P = 0.05)

Li 2017 7
Subtotal (95% CI) 7
Total events 7
Heterogeneity: Not applicable
Test for overall effect: Z = 0.59 (P = 0.55)

3.1.15 Rituximab VS CSA
Fervenza 2019 23
Subtotal (95% CI)
Total events 23
Heterogeneity: Not applicable
Test for overall effect: Z = 2.97 (P = 0.003)

3.1.18 CSA VS CIA
Kosmadakis2010 1
Subtotal (95% CI)
Total events 1
Heterogeneity: Not applicable
Test for overall effect: Z = 1.73 (P = 0.08)

3.1.19 Rituximab VS CTX
Fernández-Juárez G2021 11 43 26
Scolaria(22) 6 37 7
Subtota (95% C1) 80
Total events 1 (P = 0.09); P = 65%
Test for overall effect: Z = 2.76 (P = 0.006)

Total (95% CI) 995 974 100,0% Total events 287 223 223 223 46terogeneity: Chi² = 94,55, df = 33 (P < 0.0001); P = 65% Test for overall effect: Z = 3.11 (P = 0.002) Test for subaroun differences: Chi² = 62.15, df = 18 (P < 0.00001); P = 71.0%

3.1.14 TAC VS CSA

3.1.16 TAC VS MMF

3.1.17 CSA VS Control S.H.T GSA VS Control

Kosmadakis2010 1

Subtotal (95% CI)

Total events 1

Heterogeneity: Not applicable

Test for overall effect: Z = 0.71 (P = 0.48)

3.1.18 CSA VS CTX

3.1.12 Chlorambucil vs Control
Porticoli 1983 9 21
Ponticel 11984 12 32
Ponticel 11995 17 42
Subtotal (95% CI) 95
Total events 138
Teletropeniely: Chi² = 0.65, df ≥ (P = 0.72); F = 0%
Test for overall effect: Z = 4.73 (P < 0.00001)

Odds Ratio M-H, Fixed, 95% CI

1.09 [0.39, 3.07] 4.50 [1.46, 13.89] 1.33 [0.47, 3.76] 3.14 [1.07, 9.27] 0.39 [0.15, 1.03] 0.24 [0.10, 0.57] 0.93 [0.64, 1.37]

0.44 [0.06, 3.51]

1.18 [0.23, 6.13] 1.18 [0.23, 6.13]

1.69 [0.14, 19.94] 1.69 [0.14, 19.94]

Not estimable 21.00 [0.92, 477.23] 2.35 [0.20, 28.27] 6.26 [1.02, 38.45]

17.52 [0.89, 343.54] 1.58 [0.64, 3.91] 1.00 [0.05, 18.91] 2.14 [0.98, 4.70]

1.67 [0.65, 4.28] 1.67 [0.65, 4.28]

1.56 [0.36, 6.69]

4.57 [1.45, 14.39] 4.57 [1.45, 14.39]

0.11 [0.01, 1.34] \* 0.11 [0.01, 1.34] \*

0.22 [0.09, 0.56] 0.83 [0.25, 2.76] 0.37 [0.18, 0.75]

1.38 [1.13, 1.70]

12.3% 3.7% 16.1% 43 37 80

0.2% 72.44 [4.28, 1224.53] 0.2% 72.44 [4.28, 1224.53]

Odds Ratio H. Fixed, 95% CI