

SUPPLEMENTARY APPENDIX 4: Medication Cost Estimates

2021 American College of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis

The following estimates were noted in Lexicomp on November 25, 2019, just before the Voting Panel meeting. These estimates were provided to the Voting Panel as one of several factors in their decision making about final recommendations.

Costs of therapies change over time, however, so these November 25, 2019 costs may or may not reflect costs on a different date. They are provided with the guideline for transparency, so readers know what the Voting Panel considered as they made decisions.

DMARD	Dosing regimen	One unit	Cost of one unit	Cost of a 12-week treatment course based on the dosing regimen
Methotrexate	10mg initial dose, increased by 5mg q 4 weeks 20mg max	Methotrexate oral tablets	\$4.05	\$307.80
	15mg initial dose, increased by 5 mg q 2 weeks, 25mg max	Methotrexate oral tablets	\$4.05	\$486.00
	7.5 mg SC once weekly	Rasuvo Subcutaneous: 7.5mg/0.15mL	\$147.90	\$1,774.80
	15 mg SC once weekly	Rasuvo Subcutaneous:15mg/0.3 mL	\$147.90	\$1,774.80
Hydroxychloroquine	200 mg daily	Hydroxychloroquine Sulfate Oral: 200mg	average of \$3.10	\$259.98
	400 mg daily as a single daily dose or in 2 divided doses	Hydroxychloroquine Sulfate Oral: 200mg	average of \$3.10	\$519.96
Sulfasalazine	Initial: 500 mg once daily; increase weekly to maintenance dose: 2 g/day	Sulfasalazine Oral: 500 mg	\$0.24	\$79.09
	Initial: 1 g once daily; increase weekly to maintenance dose: 2 g/day	Sulfasalazine Oral: 500 mg	\$0.24	\$158.20
Leflunomide	100 mg once daily for 3 days; maintenance dose: 20 mg once daily	Leflunomide Oral: 20 mg	average of \$11.21	\$358.72

Etanercept	50 mg once weekly	Enbrel Subcutaneous: 50 mg	\$1552.22	\$18,626.64
	25 mg twice weekly	Enbrel Subcutaneous: 25 mg (per each)	\$776.11	\$18,626.64
Adalimumab	40 mg SC every two weeks	Humira Pen Subcutaneous: 40mg/0.4 mL	\$3,104.46	\$18,626.76
Certolizumab	400 mg at 0, 2, 4 weeks and maintenance 200 mg q other week	Cimzia Prefilled Subcutaneous): 2 X 200 mg/mL	\$5,192.92	\$25,964.60
	400 mg at 0, 2, 4 weeks and maintenance 400 mg q 4 weeks	Cimzia Prefilled Subcutaneous): 2 X 200 mg/mL	\$5,192.92	\$25,964.60
Golimumab	50 mg q 4 weeks	Simponi Subcutaneous 50 mg/0.5 mL	\$5,770.82	\$17,312.46
	2 mg/kg at 0, 4, and q 8 weeks	Simponi Aria Intravenous: 50 mg/4 mL	\$545.55 (per mL)	\$20,949.12
Infliximab	3mg/kg at 0,2,6 and q 8 weeks	Renflexis Intravenous: 100 mg	\$904.07	\$6,509.30
	10 mg/kg at 0, 2, 6, and q 8 weeks	Renflexis Intravenous: 100 mg	\$904.07	\$21,697.68
Abatacept	Initial dosing regimen at baseline, 2 and 4 weeks, then q 4 weeks (500 mg in patients < 60 kg, 750 mg in patients 60 kg to 100 kg and 1000 mg in patients > 100 kg)	Orencia Intravenous: 250 mg	\$1,330.84	<60 kg: \$13,308.40 60 kg to 100 kg: \$19,962.60 > 100 kg: \$26,616.80
	125 mg once weekly without a loading dose	Orencia Subcutaneous: 125 mg/mL	\$1,313.67 (per mL)	\$19,962.60
Rituximab	Two 1000 mg IV doses 2 weeks apart	Rituxan Intravenous: 500 mg/50 mL	\$112.74 (per mL)	\$22,548.00
Tocilizumab	4 mg/kg once every 4 weeks	Actemra Intravenous: 80 mg/4 mL	\$134.32 (per mL)	\$8,596.48
	162 mg once every week	Actemra Subcutaneous: 162 mg/0.9 mL	\$1,217.11	\$14,605.32
Sarilumab	200 mg once every 2 weeks	Kevzara SC: 200 mg/1.14ML	\$1,749.09 (per mL)	\$11,963.78
Tofacitinib	5 mg orally twice daily	Xeljanz Oral: 5 mg	\$89.61	\$15,054.48
	11mg once daily	Xeljanz XR Oral: 11 mg	\$179.23	\$15,055.32

Baricitinib	2 mg once daily	Olumiant Oral: 2 mg	\$85.48	\$7,180.32
Upadacitinib	15 mg once daily	Rinvoq Oral: 15 mg	\$196.67	\$16,520.28