

Healthcare Services Department

Policy Name	Policy Number	Scope	
Monoclonal Antibodies to Interlukin-6: tocilizumab (Actemra) and biosimilars, sarilumab (Kevzara)	MP-RX-FP-59-23	🛛 МММ МА	⊠ MMM Multihealth
Service Category			
 Anesthesia Surgery Radiology Procedures Pathology and Labora 		ices and Procedures d Management Service ics or Supplies	S

Service Description

This document addresses the use of Monoclonal Antibodies to Interlukin-6: tocilizumab (Actemra), sarilumab (Kevzara), a drug approved by the Food and Drug Administration (FDA) for the treatment of of rheumatoid arthritis, giant cell arteritis, polyarticular and systemic juvenile idiopathic arthritis, chimeric antigen receptor (CAR) T cell-induced severe or lifethreatening cytokine release syndrome, and other conditions as applicable.

Agents addressed in this clinical guideline include:

- Actemra (tocilizumab) and biosimilars
- Kevzara (sarilumab)

Background Information

Rheumatoid Arthritis: The American College of Rheumatology (ACR) guidelines recommend disease-modifying antirheumatic drug (DMARD) monotherapy as first-line treatment in individuals with RA with moderate to high disease activity. Methotrexate (MTX) monotherapy, titrated to a dose of at least 15 mg, is recommended over hydroxychloroquine, sulfasalazine, and leflunomide. Methotrexate monotherapy is also recommended over monotherapy with biologics (tumor necrosis factor inhibitors [TNFi], IL-6 inhibitors, abatacept) or JAK inhibitors. For individuals taking maximally tolerated doses MTX who are not at target, the addition of a biologic or JAK inhibitor is recommended. Non-TNFi biologics or JAK inhibitors are conditionally recommended over TNFi in individuals with heart failure.

Juvenile Idiopathic Arthritis: The American College of Rheumatology (ACR) guidelines provide recommendations for juvenile idiopathic arthritis, including systemic disease (SJIA) and JIA with polyarthritis (PJIA). SJIA is an autoinflammatory condition marked by intermittent fever, rash, and arthritis. PJIA is marked by the presence of more than four affected joints in the first six months of illness. For SJIA, NSAIDs or glucocorticoids are conditionally recommended as initial monotherapy, depending on whether macrophage activation syndrome (MAS) is present or not. IL-1 inhibitors (anakinra or canakinumab), or tocilizumab are also conditionally recommended as initial therapy or to achieve inactive disease, with no preferred agent. For SJIA without MAS, IL-1 inhibitors (anakinra or canakinumab) and tocilizumab are strongly recommended for



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inadequate response to or intolerance of NSAIDs and/or glucocorticoids (ACR 2021). For children with active polyarthritis, biologic therapy including TNFi, abatacept, or tocilizumab +/- DMARD is recommended following initial DMARD therapy (preferably methotrexate) (ACR 2019). Adult-onset Still's Disease (AOSD) describes SJIA when the condition begins after the patient's 16th birthday. Though only canakinumab has been specifically FDA approved for AOSD, other agents used for SJIA may be useful in clinical practice.

Chronic Antibody-Mediated Renal Transplant Rejection: Antibody-mediated rejection is caused by anti-donorspecific antibodies, mostly anti-HLA antibodies. Treatment for acute antibody-mediated rejection (AMR) generally consists of IVIG and rituximab, with or without plasma exchange. Although success has been reported with these therapies, chronic AMR (cAMR) and transplant glomerulopathy remain significant problems that are often unresponsive to current therapies. There is literature (Choi 2017) to support tocilizumab as a treatment option for cAMR and transplant glomerulopathy in human leucocyte antigen (HLA)-sensitive renal allograft recipients. Given limited alternative treatment options and supporting literature, tocilizumab may be an option for cAMR and transplant glomerulopathy who have failed standard therapy.

Systemic Sclerosis-Associated Interstitial Lung Disease (SSc-ILD): Interstitial lung disease (ILD) is a common pulmonary manifestation of systemic sclerosis (SSc) and is a leading cause of systemic sclerosis-related death. SSc-ILD presents with fatigue, shortness of breath and dry cough. Diagnosis is based on the presence of characteristic findings of ILD on chest high resolution computed tomography (HRCT) in an individual with SSc and exclusion of other causes of ILD. The optimal treatment of SSc-ILD is unknown. Immunosuppressants, including mycophenolate and cyclophosphamide, are used off-label but the benefits are modest and the toxicities significant. Actemra was approved for preventing the decline of pulmonary function in adult patients with SSc-ILD. Approval was based on a post-hoc analysis of a randomized, double-blind, placebo-controlled trial of patients with SSc (Khanna 2020). Although primary efficacy endpoint in difference in change from baseline in skin fibrosis was not met, patients in the Actemra arm with ILD at baseline were observed to have less decline in baseline forced vital capacity (FVC) compared to placebo (-255 mL vs -14mL in 2 observed FVC; -6.40% vs 0.07% in percent predicted FVC). The subgroup with ILD had early, mild disease confirmed by HRCT with ppFVC greater than 55% (mean baseline 82%).

Giant Cell Arteritis (GCA) and Polymyalgia Rheumatica (PMR): GCA is an inflammatory disease marked by vasculitis of large- and medium-sized vessels with common systemic symptoms including fatigue, fever, and weight loss. It is associated with PMR, a more common inflammatory condition characterized by aching and morning stiffness around the shoulders, hip, and neck. Both conditions occur in individuals over the age of 50 and are primarily treated with corticosteroids. Approximately half of individuals with GCA have PMR. Actemra is approved for GCA while Kevzara is approved for PMR; both are initiated with a tapering course of corticosteroids and then continued as monotherapy.



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Other uses: The National Comprehensive Cancer Network[®] (NCCN) provides recommendations for off-label use of Actemra with a category 2A level of evidence. These include the use in steroid-refractory graft-versus-host-disease (Ganetsky 2019), immune checkpoint Inhibitor-related inflammatory arthritis, unicentric castleman's disease, and Cytokine Release Syndrome (CRS) related to blinatumomab therapy. High-quality evidence supporting its safety and efficacy in these conditions has not been reported.

IL-6 inhibitors have a black box warning for serious infections. Individuals treated with IL-6 inhibitors are at increased risk for developing serious infections that may lead to hospitalization or death. Most individuals who developed these infections were taking concomitant immunosuppressants such as methotrexate or corticosteroids. IL-6 inhibitors should be discontinued if an individual develops a serious infection or sepsis. Individuals should be tested for latent tuberculosis (TB) before IL-6 inhibitor use and during therapy. Treatment for latent TB should be initiated prior to use. Risks and benefits of II-6 inhibitors should be carefully considered prior to initiation of therapy in individuals with chronic or recurrent infection



Applicable Codes

The following list(s) of procedure and/or diagnosis codes is provided for reference purposes only and may not be all inclusive. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement policy. Benefit coverage for health services is determined by the member specific benefit plan document and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

HCPCS	Description
J3262	Injection, tocilizumab, 1 mg [Actemra]
C9399	Unclassified drugs or biologicals Hospital Outpatient Use ONLY) [when specified as sarilumab (Kevzara)
J3490	Unclassified drug [when specified as sarilumab (Kevzara)]
J3590	Unclassified biologics [when specified as sarilumab (Kevzara)]

ICD-10	Description
C90.00-C95.92	Leukemias
D47.Z2	Castleman disease
M05.00-M05.9 R	Rheumatoid arthritis with rheumatoid factor
M06.00-M06.09	Rheumatoid arthritis without rheumatoid factor
M06.4	Inflammatory polyarthropathy
M06.80-M06.89	Other specified rheumatoid arthritis
M06.9	Rheumatoid arthritis, unspecified
M08.20-M08.29	Juvenile rheumatoid arthritis with systemic onset
M08.80-M08.89	Other juvenile arthritis
M08.3	Juvenile rheumatoid polyarthritis (seronegative)
M31.5	Giant cell arteritis with polymyalgia rheumatica
M31.6	Other giant cell arteritis
M34.81	Systemic sclerosis with lung involvement
M35.3	Polymyalgia rheumatica
R65.10-R65.11	Systemic inflammatory response syndrome (SIRS) of non-infectious origin [cytokine
R05.10-R05.11	release syndrome]
T86.11	Kidney transplant rejection
T86.12	Kidney transplant failure
T86.19	Other complication of kidney transplant
U07.1	COVID-19
Z94.0	Kidney transplant status

Medical Necessity Guidelines

When a drug is being reviewed for coverage under a member's medical benefit plan or is otherwise subject to clinical review (including prior authorization), the following criteria will be used to determine whether the drug meets any applicable medical necessity requirements for the intended/prescribed purpose.



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Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

T*ocilizumab (Actemra)*

A. Criteria For Initial Approval

- i. Giant cell arteritis (GCA) when each of the following criteria are met:
 - a. Individual is 18 years of age or older with GCA; AND
 - b. Actemra (tocilizumab) is used in combination with a tapering course of corticosteroids (such as prednisone); OR
 - c. Actemra (tocilizumab) is used as a single agent following discontinuation of corticosteroids;

OR

- ii. Rheumatoid arthritis (RA) when each of the following criteria are met:
 - a. Individual is 18 years of age or older with moderate to severe RA; AND
 - b. Individual has had an inadequate response to methotrexate titrated to maximally tolerated dose (ACR 2021); OR
 - c. If methotrexate is not tolerated or contraindicated, individual has had an inadequate response to, is intolerant of, or has a contraindication to other conventional therapy (sulfasalazine, leflunomide, or hydroxychloroquine);

OR

- iii. Polyarticular juvenile idiopathic arthritis (PJIA) when each of the following criteria are met:
 - a. Individual is 2 years of age or older with moderate to severe PJIA; AND
 - Individual has had an inadequate response to, is intolerant of, or has a contraindication to conventional therapy [nonbiologic DMARDs (such as methotrexate)];

OR

OR

- iv. Still's disease (Adult-onset Still's Disease [AOSD] or Systemic juvenile idiopathic arthritis (SJIA) when the following is met:
 - a. Individual is 2 years of age or older with Still's Disease as either AOSD or SJIA;
- v. Multicentric Castleman Disease when each of the following criteria are met (NCCN 2A):
 - a. Individual with a diagnosis of relapsed/refractory or progressive multicentric Castleman disease; AND
 - b. Used as a single agent; AND
 - c. Human immunodeficiency virus negative; AND
 - d. Human herpes-8 negative; AND



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······	e.	No concurrent clinically signific	cant infection (for example	, Hepatitis B or C); AND
	f. OR	No concurrent lymphoma;		
vi.	Cytokine	Release Syndrome when the fo	-	
	a. OR	Individual is 2 years of age or c induced cytokine release synd	-	receptor (CAR) T cell-
vii.		Antibody-Mediated Renal Trans	nlant Rejection when the fo	llowing criteria are met
vii.	(Choi 20			
	a.	Individual has chronic active an antibodies and transplant glon AND		n plus donor-specific
	b.	Individual has failed to respon- rituximab therapy (with or wit	-	lobulin (IVIG) plus
	OR			
viii.	Systemic criteria is	: Sclerosis-Associated Interstitial s met:	Lung Disease (SSc-ILD) wh	en each of the following
	a.	Individual has a diagnosis of sy (SSc-ILD); AND	stemic sclerosis-associated	interstitial lung disease
	b.	Diagnosis has been confirmed (HRCT) scan showing ground g		
	c.	Documentation is provided the showing Forced Vital Capacity 2020);	at individual has confirmed	pulmonary function tests
	OR			
ix.	a.	irus Disease 2019 (COVID-19) wł Individual is 18 years of age or	older; AND	
	b.	Individual is currently hospital receiving systemic corticosterc or invasive mechanical ventilat (ECMO)	oids and requires suppleme	ental oxygen, non-invasive
B. Criteria	a For Cont	inuation of Therapy		
i.		clinically significant improvement	nt or stabilization in clinical	signs and symptoms of

C. Conditions Not Covered



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Any other use is considered experimental, investigational, or unproven, including the following (this list may not be all inclusive):

- i. In combination with topical or oral JAK inhibitors, ozanimod, deucravacitinib, nintedanib, pirfenidone, or any of the following biologic immunomodulators: TNF antagonists, IL-23 inhibitors, IL-17 inhibitors, vedolizumab, ustekinumab, abatacept, IL-1 inhibitors, other IL-6 inhibitors, rituximab, or natalizumab; OR
- ii. If initiating therapy for a diagnosis other than COVID-19 or CRS, individual has an absolute neutrophil count less than 2000/mm3, platelet count less than 100,000/mm3, or alanine aminotransferase or aspartate aminotransferase greater than 1.5 times the upper limit of normal; OR
- iii. Tuberculosis, other active serious infections or a history of recurrent infections; OR
- If initiating therapy for a diagnosis other than COVID-19 or CRS, individual has not had a tuberculin skin test (TST) or a Centers for Disease Control (CDC-) and Prevention recommended equivalent to evaluate for latent tuberculosis (unless switching therapy from another targeted immune modulator and no new risk factors); OR
- v. Individual with SSc-ILD and concomitant class II or higher pulmonary arterial hypertension (Khanna 2020); OR
- vi. When the above criteria are not met and for all other indications.

Sarilumab (Kevzara)

A. Criteria For Initial Approval

- i. Rheumatoid arthritis (RA) when each of the following criteria are met:
 - a. Individual is 18 years of age or older with moderately to severe RA; AND
 - b. Individual has had an inadequate response to methotrexate titrated to maximally tolerated dose (ACR 2021); OR
 - c. If methotrexate is not tolerated or contraindicated, individual has had an inadequate response to, is intolerant of, or has a contraindication to other conventional therapy (sulfasalazine, leflunomide, or hydroxychloroquine)

OR

- ii. Polymyalgia Rheumatica (PMR) when each of the following criteria are met:
 - a. Individual is 18 years of age or older with PMR; AND
 - b. Individual has had an inadequate response to corticosteroids or cannot tolerate corticosteroid taper; AND
 - c. Individual has had at least one episode of unequivocal PMR flare (unequivocal symptoms include shoulder and/or hip girdle pain associated with inflammatory stiffness) while on corticosteroid therapy (NCT03600818); AND



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d. e. B. Criteria For Cont	Kevzara (sarilumab) is used ir corticosteroids; OR Kevzara (sarilumab) is used ir corticosteroids. inuation of Therapy clinically significant improveme	combination with a taperin	g course of
C. Conditions Not C Any other use is a	Covered considered experimental, inves	tigational, or unproven, inclu	iding the following (this



Limits or Restrictions

A. Therapeutic Alternatives

This medical policy may be subject to Step Therapy. Please refer to the document published on the MMM Website: <u>https://www.mmm-pr.com/planes-medicos/formulario-medicamentos</u>

B. Quantity Limitations

Approvals may be subject to dosing limits in accordance with FDA-approved labeling, accepted compendia, and/or evidence-based practice guidelines. The chart below includes dosing recommendations as per the FDA-approved prescribing information.

Actemra (tocilizumab) 80 mg, 200 mg, & 400 mg vial for intravenous infusion8 mg/kg* as free vial for intravenous infusionExceptionsI.For polyarticular juvenile idiopathic arthritis (PJIA), ma weeks for individuals weighing less than 30 kgII.For systemic juvenile idiopathic arthritis (SJIA), may ap weeks for patients weighing less than 30 kg and up to 4 patients at or above 30 kg.III.For cytokine release syndrome (CRS), may approve a to doses at least 8 hours apart; each dose up to 8 mg/kg f above 30 kg and up to 12 mg/kg in individuals weighingIV.For Coronavirus Disease 2019 (COVID-19), may approve	prove up to 12 mg/kg every 2 8 mg/kg every 2 weeks for otal of up to four intravenous for individuals weighing at or g less than 30 kg; re a total of up to two intravenous	
 For polyarticular juvenile idiopathic arthritis (PJIA), ma weeks for individuals weighing less than 30 kg For systemic juvenile idiopathic arthritis (SJIA), may ap weeks for patients weighing less than 30 kg and up to patients at or above 30 kg. For cytokine release syndrome (CRS), may approve a to doses at least 8 hours apart; each dose up to 8 mg/kg f above 30 kg and up to 12 mg/kg in individuals weighing 	prove up to 12 mg/kg every 2 8 mg/kg every 2 weeks for otal of up to four intravenous for individuals weighing at or g less than 30 kg; re a total of up to two intravenous	
 weeks for individuals weighing less than 30 kg II. For systemic juvenile idiopathic arthritis (SJIA), may ap weeks for patients weighing less than 30 kg and up to a patients at or above 30 kg. III. For cytokine release syndrome (CRS), may approve a to doses at least 8 hours apart; each dose up to 8 mg/kg in above 30 kg and up to 12 mg/kg in individuals weighing 	prove up to 12 mg/kg every 2 8 mg/kg every 2 weeks for otal of up to four intravenous for individuals weighing at or g less than 30 kg; re a total of up to two intravenous	
 weeks for patients weighing less than 30 kg and up to a patients at or above 30 kg. III. For cytokine release syndrome (CRS), may approve a to doses at least 8 hours apart; each dose up to 8 mg/kg above 30 kg and up to 12 mg/kg in individuals weighing 	8 mg/kg every 2 weeks for otal of up to four intravenous for individuals weighing at or g less than 30 kg; re a total of up to two intravenous	
doses at least 8 hours apart; each dose up to 8 mg/kg above 30 kg and up to 12 mg/kg in individuals weighin	for individuals weighing at or g less than 30 kg; re a total of up to two intravenous	
IV. For Coronavirus Disease 2019 (COVID-19) may approv	· ·	
doses at least 8 hours apart; each dose up to 8 mg/kg*	·.	
*For rheumatoid arthritis, CRS, and COVID-19, each do total; For giant cell arteritis, each dose should not exce	0	
Drug	Limit	
Actemra (tocilizumab) 162 mg/0.9 mL ACTPen 4 autoinjectors prefilled autoinjector	per 28 days	
Actemra (tocilizumab) 162 mg/0.9 mL prefilled 4 syringes per 28 days syringe		
Drug	Limit	
Kevzara (sarilumab) 150 mg, 200 mg prefilled 2 pens/syringe 2 pens/syringe	s per 28 days	

Reference Information

1. Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.: 2022. URL: http://www.clinicalpharmacology.com. Updated periodically.



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Monoclona	al	MP-RX-FP-59-23		🛛 MMM Multihealth
Antibodies	to			
Interlukin-	6:			
tocilizumat	o (Actemra)			
and biosim	ilars,			
sarilumab (Kevzara)			
2.	DailyMed. Pa	ackage inserts. U.S. National Li	brary of Medicine, National	Institutes of Health
	website. http	o://dailymed.nlm.nih.gov/daily	/med/about.cfm. Accessed o	n: March 10, 2022.
3.	DrugPoints [®]	System [electronic version]. T	ruven Health Analytics, Gree	nwood Village, CO.
	Updated per	iodically.		
4.	Lexi-Comp O	NLINE [™] with AHFS [™] , Hudson,	Ohio: Lexi-Comp, Inc.; 2022;	; Updated periodically.
5.	NCCN Drugs	& Biologics Compendium (NC	CN Compendium [®]) 2022 Nat	ional Comprehensive
	Cancer Netw	ork, Inc. Available at: NCCN.or	g. Updated periodically. Acc	essed on: October 4, 2022.
6.	Fraenkel L, B	athon JM, England BR et al. 20	21 American College of Rhe	umatology Guideline for
	the Treatme	nt of Rheumatoid Arthritis. Art	thritis Care & Research. 2021	1;73(7):924-939. 6
7.		ton DB, Lovell DJ, et al. 2021 A	-	
		f Juvenile Idiopathic Arthritis:		-
	•	ndibular Joint Arthritis, and Sy	stemic Juvenile Idiopathic Ar	thritis. Arthritis Rheum.
	2022; 74(4):5			
8.	-	ngeles-Han ST, Beukelman T, e	-	
		Guideline for the Treatment of	•	
	-	emic Polyarthritis, Sacroiliitis,		
9.		rt O, Vo A, et al. Assessment o		-
	•	I treatment for chronic antibo		
		tized renal allograft recipients.	•	-
10.	•	Frey NV, Hexner EO, et al. Toc		-
	-	ersus-host-disease: analysis o	f a single-center experience.	Leuk Lymphoma
	2019:2223-2			
11.	-	itesi S. Treatment and prognos	-	-
	·	a). Last updated: Jul 26, 2022.	In: UpToDate, Post TW (Ed),	UpToDate, Waltham, MA.
		ctober 4, 2022.		
12.		Disease Control and Prevention		
		v.cdc.gov/tb/topic/basics/risk.	ntm. Last updated: March 18	3, 2016. Accessed October
	4, 2022.		diamatications. To silicomate	in a standa a la sala in a
13.		n CJF, Furst DE, et al; focuSSce	0	•
		double-blind, placebo-contro	•	-
		3-974. Erratum in: Lancet Resp	JII IVIEU. 2020 OCC;8(10):8/5.	Erratum in: Lancet Kespir
	Med. 2021 N	יומו, שנטן.פצש		



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Revision Type	Summary of Changes		P&T Approval Date	MPCC Approval Date
Policy Inception	Elevance Health's Medical	Policy adoption.	N/A	11/30/2023
Revised: 3/13/2023				