

Immunocompromised individuals who qualify for an additional third dose of COVID-19 vaccine

- Active treatment with high-dose corticosteroids (i.e., ≥ 20 mg prednisone or equivalent per day), alkylating agents, antimetabolites, transplant-related immunosuppressive drugs, chemotherapeutic agents classified as severely immunosuppressive, TNF blockers, and other biologic agents that are immunosuppressive or immunomodulatory

Medications that are immunosuppressive or immunomodulatory

(This list is not all-inclusive)

- Active treatment with high-dose corticosteroids (i.e., ≥ 20 mg prednisone or equivalent per day)
People may be on high-dose steroids to reduce inflammation or suppress the immune system. These may be used to treat conditions such as asthma, COPD, lupus, inflammatory bowel disease, multiple sclerosis, and other inflammatory conditions.
 - Prednisolone ≥ 20 mg
 - Methylprednisolone ≥ 16 mg
 - Hydrocortisone ≥ 80 mg
 - Dexamethasone ≥ 3 mg
- Alkylating agents
These medications are used in the treatment of many different types of cancer.
 - Nitrogen mustards: cyclophosphamide (Nerosar), ifosfamide (Ifex), mechlorethamine (Valchlor), chlorambucil (Leukeran), bendamustine (Bendeka), melphalan (Evomela)
 - Nitrosoureas: carmustine (Gliadel Wafer), lomustine (Gleostine), streptozocin (Zanosar)
 - Alkyl sulfonates: busulfan (Myleran)
 - Triazines, hydrazines, and related compounds: dacarbazine, procarbazine (Matulane), temozolomide (Temodar)
 - Aziridines and Epoxides: altretamine (Hexalen), thiotepa (Tepadina), mitomycin C, diaziquone (Proglycem)
 - Cisplatin (Platinol)
 - Oxaliplatin (Eloxatin)
- Antimetabolites
These types of medications are used in the treatment of many different types of cancer, rheumatoid arthritis, Crohn disease, ulcerative colitis, and other autoimmune conditions.
 - Methotrexate (Otrexup, Trexall, Rasuvo)
 - Pemetrexed
 - 5-fluorouracil (Carac)
 - Cytarabine (Cytosar-U)
 - Gemcitabine
 - Mercaptopurine (Purinethol)

- Transplant-related immunosuppressive drugs
These types of medications are commonly taken after transplant to prevent rejection of the transplant. They are also used in other auto-immune conditions.
 - Mycophenolate mofetil (CellCept)
 - Azathioprine (Imuran)
 - Basiliximab (Simulect)
 - Belatacept (Nulojix)
 - Calcineurin inhibitors
 - Tacrolimus (Protopic, Envarsus XR)
 - Cyclosporine (Gengraf, Neoral, Sandimmune)
 - mTOR inhibitors
 - Sirolimus (Rapamune)
 - Everolimus (Zortress)

- TNF blockers
These types of medications are used in many auto-immune conditions, such as Crohn disease, ulcerative colitis, psoriasis, rheumatoid arthritis, and others.
 - Infliximab (Remicade)
 - Etanercept (Enbrel)
 - Adalimumab (Humira)
 - Certolizumab pegol (Cimzia)
 - Golimumab (Simponi)

- Other agents that are immunosuppressive or immunomodulatory
These types of medications are used in many auto-immune conditions, such as multiple sclerosis, Crohn disease, ulcerative colitis, rheumatoid arthritis, psoriasis, and others.
 - Rituximab (Rituxan)
 - Anakinra (Kineret)
 - Ixekizumab (Taltz)
 - Natalizumab (Tysabri)
 - Secukinumab (Cosentyx)
 - Vedolizumab (Entyvio)
 - Abatacept (Orencia)
 - Ustekinumab (Stelara)
 - Tofacitinib (Xeljanz)
 - Baricitinib (Olumiant)
 - Hydroxychloroquine (Plaquenil)

Alphabetical List of Medications:

<u>Generic Name</u>	<u>Brand Name</u>	<u>Class of Drug</u>
5-fluorouracil	Carac	Antimetabolite
Abatacept	Orencia	Immunomodulator
Adalimumab	Humira	TNF-blocker
Altretamine	Hexalen	Alkylating agent: Aziridines and Epoxides
Anakinra	Kineret	Biological immunosuppressive agent
Azathioprine	Imuran	Transplant-related immunosuppressive agent
Basiliximab	Simulect	Transplant-related immunosuppressive agent
Belatacept	Nulojix	Transplant-related immunosuppressive agent
Bendamustine	Bendeka	Alkylating agent: Nitrogen mustard
Budesonide \geq 6 mg	Entocort EC	Corticosteroid
Busulfan	Myleran	Alkylating agent: Alkyl sulfonate
Carmustine	Gliadel Wafer	Alkylating agent: Nitrosourea
Certolizumab pegol	Cimzia	TNF blocker
Chlorambucil	Leukeran	Alkylating agent: Nitrogen mustard
Cisplatin	Platinol	Alkylating agent
Cyclophosphamide	Nerosar	Alkylating agent: Nitrogen mustard
Cyclosporine	Gengraf, Neoral, Sandimmune	Calcineurin inhibitor
Cytarabine	Cytosar-U	Antimetabolite
Diaziquone	Proglycem	Alkylating agent: Aziridine and Epoxide
Etanercept	Enbrel	TNF blocker
Everolimus	Zortress	mTOR inhibitor
Golimumab	Simponi	TNF blocker

Hydrocortisone \geq 80 mg	Hydrocort	Corticosteroid
Hydroxychloroquine	Plaquenil	DMARD
Ixekizumab	Taltz	Other biological agent
Ifosfamide	Ifex	Alkylating agent: Nitrogen mustard
Infliximab	Remicade	TNF blocker
Lomustine	Gleostine	Alkylating agent: Nitrosourea
Mechlorethamine	Valchlor	Alkylating agent: Nitrogen mustard
Melphalan	Evomela	Alkylating agent: Nitrogen mustard
Mercaptopurine	Purinethol	Antimetabolite
Methotrexate	Otrexup, Trexall, Rasuvo	Antimetabolite
Methylprednisolone \geq 16 mg	Solu-Medrol	Corticosteroid
Mycophenolate mofetil	CellCept	Transplant-related immunosuppressive agent
Natalizumab	Tysabri	Other biological agent
Oxaliplatin	Eloxatin	Alkylating agent
Prednisolone \geq 20 mg	Pediapred	Corticosteroid
Prednisone \geq 20 mg	Deltasone	Corticosteroid
Procarbazine	Matulane	Alkylating agent
Rituximab	Rituxan	Monoclonal antibody
Secukinumab	Cosentyx	Other biological agent
Sirolimus	Rapamune	mTOR inhibitor
streptozocin	Zanosar	Nitrosourea
Tacrolimus	Protopic, Envarsus XR	Calcineurin Inhibitor
temozolomide	Temodar	Alkylating agent
Thioguanine	Tabloid	Antimetabolite

thiotepa	Tepadina	Alkylating agent
Tocilizumab	Actemra	Immunosuppressive agent
Tofacitinib	Xeljanz	Janus kinase inhibitor
Ustekinumab	Stelara	Monoclonal antibody
Vedolizumab	Entyvio	Monoclonal antibody

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