



دکتر صادقعلی عظیمی استادیار عفونی دانشگاه علوم پزشکی گلستان  
بیماریهای شایع ویروسی

Herpesviridea	Simplexvirus 1	Cold sore encephalitis, keratitis, and blindness	<a href="#">Acyclovir</a> <a href="#">Famciclovir</a> <a href="#">Valacyclovir</a> <a href="#">Docosanol</a> <a href="#">Ibicitabine</a> <a href="#">Trifluridine</a> <a href="#">Idoxuridine</a> <a href="#">Pritelivir</a>	none
	Simplexvirus 2	genital herpes, neonatal herpes, and meningitis	<a href="#">Acyclovir</a> <a href="#">Famciclovir</a> <a href="#">Valacyclovir</a> <a href="#">Docosanol</a> <a href="#">Ibicitabine</a> <a href="#">Trifluridine</a> <a href="#">Idoxuridine</a> <a href="#">Pritelivir</a>	none
	Varicella Zoster virus	<a href="#">chickenpox</a> (Varicella) and shingles.	<a href="#">Amenamivir</a> <a href="#">FV-100</a> <a href="#">Acyclovir</a> <a href="#">famciclovir</a> <a href="#">valacyclovir</a>	none
	Cytomegalovirus	<a href="#">Mononucleosis</a> , <a href="#">pneumonias</a> ; Hepatitis congenital CMV Babies born with CMV can have brain, liver, spleen, lung, and growth problems	<a href="#">Aciclovir</a> <a href="#">Ganciclovir</a> <a href="#">Valganciclovir</a> <a href="#">Foscarnet</a> <a href="#">Cidofovir</a> <a href="#">Brincidofovir</a>	none
	Human Herpes Virus-6	<a href="#">sixth disease</a> (roseola infantum, exanthema subitum); Chronic fatigue syndrome mononucleosis, colitis, myocarditis, and hepatitis	<a href="#">ganciclovir</a> , <a href="#">cidofovir</a> , <a href="#">foscarnet</a>	none
	Human Herpes Virus-7	symptoms analog to the "sixth disease" associated with a febrile,	<a href="#">ganciclovir</a> , <a href="#">cidofovir</a> , <a href="#">foscarnet</a>	none
	Epstein-Barr virus	<a href="#">Mononucleosis</a>	<a href="#">valaciclovir</a>	none

		<a href="#">Burkitt's lymphoma</a> <a href="#">Nasopharyngeal carcinoma (NPC)</a> Post-transplant lymphoproliferative disease Hodgkin's lymphoma. Non-Hodgkin lymphoma.		
	Kaposi's sarcoma-associated herpesvirus	<a href="#">Kaposi's sarcoma</a>	none	none
<a href="#">Anelloviridae</a>	Torque teno virus 1	Asymptomatic. associated with various diseases: hepatitis, pulmonary diseases, hematologic disorders, myopathy and lupus.	none	none
	Torque teno mini virus 1	Asymptomatic. associated with various diseases: hepatitis, pulmonary diseases, hematologic disorders, myopathy and lupus.	none	none
	Torque teno midi virus 1	Asymptomatic. associated with various diseases: hepatitis, pulmonary diseases, hematologic disorders, myopathy and lupus.	none	none
<a href="#">Hepadnaviridae</a>	Hepatitis B virus	<a href="#">Hepatitis,hepatocellular carcinoma,cirrhosis</a> <a href="#">Interferon type I</a> <a href="#">Peginterferon alfa2a</a> <a href="#">Tenofovir</a> <a href="#">Lamivudine</a> <a href="#">Entecavir</a> <a href="#">Telbivudine</a> <a href="#">Myrcludex B</a> <a href="#">RG7795</a>	Subunit vaccine For Human Hepatitis B virus	

Adenoviridae	Mastadenovirus	<p>Very common human infection, estimated to be responsible for between 2% and 5% of all respiratory infections. Usually mild respiratory, gastrointestinal and eye infections. Serotypes 3, 5 and 7: lower respiratory tract infections. Serotypes 8, 19, and 37: epidemic keratoconjunctivitis</p> <p>Serotypes 4 and 7: acute respiratory disease. Serotypes 40 and 41: gastroenteritis. Serotype 14: can cause potentially fatal adenovirus infections. Canine Adenovirus 1 (CAV-1) can lead to puppies death or encephalitis in other carnivore species.</p>	Brincidofovir	Human adenovirus serotype 4 and 7 for the military populations
<a href="#">Picobirnaviridae</a>	Human picobirnavirus	Could be implicated in gastroenteritis in animals and humans, but the disease association is unclear.	none	none
<a href="#">Coronaviridae</a>	Human coronavirus 229E and NL63 and OC43 and HKU1	Mainly respiratory diseases (pneumonia) and gastroenteritis. common colds	none	none
	Human SARS coronavirus	<a href="#">Severe acute respiratory syndrome</a>	<a href="#">Remdesivir</a>	none
	SARS coronavirus 2 (SARS-CoV-2)	Pneumonia, <a href="#">acute respiratory distress syndrome (ARDS)</a>	<a href="#">Remdesivir</a>	Inactive vaccine mRNA vaccine viral vectore and

				recombinant protein vaccine
<a href="#">Filoviridae</a>	MERS-CoV	Pneumonia, <a href="#">acute respiratory distress syndrome (ARDS)</a>	<a href="#">Remdesivir</a>	none
	Marburg virus	<a href="#">Hemorrhagic fever</a>	<a href="#">Galidesivir</a>	none
	Ebola virus	<a href="#">Hemorrhagic fever</a>	<a href="#">Favipiravir</a> <a href="#">Remdesivir</a> <a href="#">ZMapp</a>	none
Kolmioviridae	Hepatitis delta virus	Fulminant acute <a href="#">hepatitis</a> , severe chronic active <a href="#">hepatitis</a> , <a href="#">hepatocellular carcinoma</a>	<a href="#">Interferon type I</a> <a href="#">Peginterferon-lambda</a> <a href="#">Myrcludex B</a> <a href="#">Lonafarnib</a>	Vaccine against HBV protects also from HDV
Retroviridae	<b>Lentivirus</b>  Human immunodeficiency virus	<b>AIDS</b>  (1) asymptomatic infection; (2) acute infection with symptoms that may include fever, sweats, myalgia or arthralgia, sore throat, lymphadenopathy, nausea, vomiting, diarrhea, headaches, and rash; and (3) acquired immune deficiency syndrome (AIDS), characterized by progressive immune deficiency accompanied by a wide range of opportunistic infections, neoplasms, and neurologic abnormalities, including progressive dementia and peripheral neuropathy.	<b>Protease inhibitors (PIs):</b> amprenavir, atazanavir, indinavir, loprinavir, nelfinavir, ritonavir and saquinavir. <b>Reverse transcriptase nucleoside inhibitors (NRTIs):</b> atevirdine, delavirdine, efavirenz, emivirine, and nevirapine. <b>Reverse transcriptase non nucleoside inhibitors (NNRTIs):</b> abacavir, adefovir (PMEA), didanosine (ddI), lamivudine (3TC), stavudine (d4T), tenofovir (PMPA), zalcitabine	none

			(ddC), and zidovudine (AZT).	
	<b>Deltaretrovirus</b> Human T-lymphotropic virus	(1) asymptomatic infection (most common); (2) adult T-cell leukemia (ATL) (pre-adult T-cell leukemia, chronic, acute, and lymphoma forms); and (3) tropical spastic paraparesis, a neurologic disease.	none	none
<b>Reoviridae</b>	<b>Coltivirus</b> Colorado tick fever virus	Colorado tick fever is manifested by headache, chills, muscle pain (especially in the back and legs), and photophobia. Children may have hemorrhagic illness or encephalitic signs (including disorientation and stiff neck	none	none
	<b>Rotavirus</b> <i>A,B,C</i>	Gastroenteritis	none	Rotarix (GlaxoSmithKline) and RotaTeq (Merck) vaccines. Rotarix is a live attenuated rotavirus serotype G1 P1A[8]. RotaTeq is a bovine (WC3)-human reassortant vaccine composed of five strains, each containing a human rotavirus gene encoding the VP7 (serotype G1, G2, G3, or G4) or the VP4 (serotype P1A[8]) neutralizing proteins.

<b>Astroviridae</b>	Mamastrovirus Human astrovirus 1	Gastroenteritis	none	none
<b>Paramyxoviridae</b>	Morbilivirus Measles morbillivirus	Measles virus usually causes, in the nonvaccinated population, an acute childhood disease characterized by coryza(mucosal inflammation ), conjunctivitis, fever, and rash. pneumonia and acute encephalitis. giant-cell pneumonia and measles inclusion body encephalitis (MIBE) . Defective measles virus may persist in the central nervous system after natural infection and may later cause subacute sclerosing panencephalitis (SSPE)	[MeV] ERDRP- 0519 (Experimental, Polymerase inhibitor)  [MeV SSPE] Inosine pranobex (Immuno stimulant)	measles-mumps- rubella live-virus vaccine
	Henipavirus Hendra	Respiratory illness	Remdesivir (Experimental, viral polymerase inhibitor)	none

<b>Papillomaviridae</b>	Henipavirus Nipah	Fever and headache	Remdesivir (Experimental, viral polymerase inhibitor)	none
	Respirovirus Human respirovirus 1 Human respirovirus 3 Human parainfluenza virus	Acute febrile respiratory tract infection	none	none
	Rubulavirus Mumps virus	Mumps is a systemic febrile infection of children and young adults. Swelling of the salivary glands, especially the parotid glands, meningitis is common; and pancreatitis, encephalitis, and hearing loss may occur. In young adults, orchitis or oophoritis is not uncommon.	none	measles-mumps- rubella live-virus vaccine
	Human papillomavirus	Warts, papilloma, malignant tumours. Genital-type, high- risk of malignancy (cervical cancer): HPV-16, 18, 31, 33, 35, 45, 51, 52, 58. Genital-type, low-risk of malignancy (genital warts): HPV- 6, 11. Skin-type: HPV-1, 2, 3, 4, 5, 7, 8, 10, 27, 57, 60, ...	Afovirsen (Exper imental, Antisense)	HPV vaccine against HPV types 6, 11, 16 and 18.



<b>Parvoviridae</b>	Dependovirus	Asymptomatic	none	none
	Adeno-associated dependoparvovirus A  Adeno-associated virus			
	Erythrovirus	Fifth disease( Erythema infectiosum), skin lesions.	none	none
	Primate erythroparvovirus 1	polyarthritis		
	Primate erythroparvovirus 2	arthralgia		
	Primate erythroparvovirus 3	transient aplastic crisis. hydrops fetalis		
	Primate erythroparvovirus 4			
<b>Caliciviridae</b>	Human parvovirus B19			
	Norovirus  (Norwalk virus)	<a href="#">Gastroenteritis</a>	None	None
	Sapovirus	<a href="#">Gastroenteritis</a>	None	None
	(Sapporo virus)			
<b>Pneumoviridae</b>	Metapneumovirus	Respiratory tract disease	None	None
	(Human metapneumovirus)			

Orthopneumovirus (Human orthopneumovirus (RSV))	upper respiratorytract illness (URI)  Otitis media  Bronchiolitis  Pneumonia	None	None
--	---	------	------

## Polyomaviridae

Alphapolyomavirus (Human polyomavirus 12 Human polyomavirus 13 Human polyomavirus 5 Human polyomavirus 8 Human polyomavirus 9)	Merkel cell carcinoma TSV: <a href="#">Trichodysplasia spinulosa</a>	None	None
Betapolyomavirus (Human polyomavirus 1 Human polyomavirus 2 Human polyomavirus 3 Human polyomavirus 4)	<b>JCPyV</b> (Human polyomavirus 2): progressive multifocal leukoencephalopathy ( <a href="#">PML</a> ) <b>BKPyV</b> (Human polyomavirus 1): mild respiratory infection. Some cancers may be associated with polyoma viruses Cystitis Nephropathy <b>KI,WU:</b> Respiratory Illness <b>SV40:</b> Lymphoma, ependymomas, osteosarcomas, mesotheliomas, choroid plexus papillomas	Mefloquine(JC)	None
Deltapolyomavirus (Human polyomavirus 6 Human polyomavirus 10 Human polyomavirus 11 Human polyomavirus 7)	none	none	none

	Gammapolyomavirus	none	none	none
	Flavivirus (Yellow fever virus Dengue virus Japanese encephalitis virus Kyasanur Forest disease virus Louping ill virus <i>Modoc virus</i> Murray Valley encephalitis virus Omsk hemorrhagic fever virus Powassan virus Saint Louis encephalitis virus Tick-borne encephalitis virus West Nile virus Zika virus Langat virus)	YFV: Hemorrhagic fever encephalitis DENV: Dengue fever ZIKV: Fever, joint pain, rash	Ribavirin Favipiravir Galidesivir Celgosivir Lactimidomycin NITD008 Triazavirin	Japanese encephalitis virus, Tick-borne encephalitis virus, West Nile virus, Yellow fever virus.
<b>Flaviviridae</b>	Hepacivirus (HCV)	Hepatitis C hepatocellular carcinoma Raynaud syndrome purpuric rash	Ribavirin Interferon type I Peginterferon alfa2a Peginterferon alfa2b Alisporivir Glecaprevir Grazoprevir Peritaprevir Simeprevir Daclatasvir Elbasvir Ombitasvir	None

			Pibrentasvir	
			Elbasvir	
			Velpatasvir	
			Radalbuvir	
			Sofosbuvir	
<b>Rhabdoviridae</b>	Pegivirus ( <a href="#">GB Virus C/Hepatitis G Virus</a> )	Hepatitis G	None	None
	Ledantavirus	acute febrile illness and hepatosplenomegaly( LDV)	none	None
	Lyssavirus (Rabies lyssavirus Mokola virus)	fatal encephalitis	None	RABV (HDCV)
	Vesiculovirus (Vesicular stomatitis virus)	Vesicular diseases, encephalitis  Human: flu-like symptoms	None	None

	Chandipura Virus (CHPV)	influenza-like illness and neurologic dysfunctions	None	None
<b>Poxviridae</b>	Molluscipoxvirus (Molluscum contagiosum virus)	benign skin disease Skin lesions	None	None
	Orthopoxvirus (Variola virus Vaccinia virus Cowpox virus Monkeypox virus Horsepox virus Yaba monkey tumor virus)	Skin lesions Lymphadenophaty (monkeypox)	Brincidofovir Tecovirimat HMPO-DAPy Metisazone Cidofovir	Live vaccine against Smallpox (Vaccinia virus)
	Parapoxvirus (Orf virus Pseudocowpox virus)	Skin lesions	None	None
<b>Hepeviridae</b>	Orthohepevirus (Orthohepevirus A Orthohepevirus B Orthohepevirus C Orthohepevirus D)	Hepatitis E: Associated with a high mortality rate during pregnancy, inflammatory polyradiculopathy, Guillain-Barre syndrome, encephalitis, various Neuropathies, myopathies	None	None

<b>Matonaviridae</b>	Rubivirus (Rubella virus)	Rubella Joint symptoms Thrombocytopenia Encephalopathy	None	Rubella virus (MMR)
<b>picornaviridea</b>	enterovirus	Paralysis (non-polio and polio-type) summer cold meningitis diarrhea (PV) Polyomyelitis  Rhinovirus: Common cold  CVA9: aseptic meningitis and encephalitis  CVA5, CVA6, CVA10 CVA12: Herpangina  Enterovirus 71, CVA16: Hand, foot and mouth disease  Enterovirus 70, CVA24 : acute haemorrhagic conjunctivitis  Coxsackie B viruses: pleurodynia aseptic meningitis and encephalitis  Coxsackie virus B6 (CVB6): Summer grippe	Rhinovirus: Pleconaril	Poliovirus
	Hepatovirus <i>Hepatovirus A</i> <i>Hepatovirus B</i> <i>Hepatovirus C</i> <i>Hepatovirus D</i> <i>Hepatovirus E</i> <i>Hepatovirus F</i> <i>Hepatovirus G</i> <i>Hepatovirus H</i> <i>Hepatovirus I</i>	Hepatitis A virus: Mild hepatitis Rarely fulminate acute hepatitis  Avian encephalomyelitis virus:	none	Hepatitis A virus.

Reduced hatching  
Tremors  
ataxia

Cardiovirus  
*Cardiovirus A*  
*Cardiovirus B*  
*Cardiovirus C*

myocarditis

none

none

*Salivirus A*

Probably gastroenterit  
is

none

none

## Togaviridae

Alphavirus  
Sindbis virus  
Semliki forest virus  
Chikungunya virus

Encephalitis  
Fever  
long lasting joint  
pain  
Pogosta disease

none

none

*Rubella virus*

rubella

none

Rubella virus

<b>Arenaviridae</b>	<b>Mammarenavirus</b> Lymphocytic choriomeningitis virus Lassa virus Tacaribe virus	Encephalitis (LCMV) hemorrhagic fever (LASV, LUJV, JUNV, MACV, SABV, GTOV, CHPV)	ribavirin	Candid#1 against Junin virus
<b>Hantaviridae</b>	hantanvirus	hemorrhagic fever with renal syndrome Hantavirus pulmonary syndrome	Experimental: Favipiravir	none
<b>Nairoviridae</b>	Dugbe virus Crimean-Congo hemorrhagic fever virus	Hemorrhagic fever	Experimental: Favipiravir	none
<b>orthomyxoviridae</b>	Influenza A virus A/Puerto Rico/8/34 (H1N1)	Acute febrile respiratory tract infection acute diffuse inflammation of the larynx, trachea, and bronchi are observed with mucosal inflammation and edema	Amantidine (M2 ion channel inhibitor) Rimantadine: (M 2 ion channel inhibitor) Zanamivir (Neur aminidase inhibitor) Oseltamivir (Neu raminidase inhibitor) Peramivir (Neura minidase inhibitor) Baloxavir marboxil (PB2 capping inhibitor) Favipiravir (Expe rimental, RdRp inhibitor) Nitazoxanide (Ex perimental, hemagglutinin	Killed vaccine against annual strains of both influenza A and B



		trafficking inhibitor) Triazavirin (Experimental, RdRp inhibitor)	
Influenza virus B	Acute febrile respiratory tract infection acute diffuse inflammation of the larynx, trachea, and bronchi are observed with mucosal inflammation and edema	<b>M2 ion channel inhibitor:</b> Amantidine, Rimantadine: <b>Neuraminidase inhibitor:</b> Zanamivir, Oseltamivir (Tamiflu), Peramivir	Killed vaccine against annual strains of both influenza A and B
Influenzavirus C	Acute febrile respiratory tract infection acute diffuse inflammation of the larynx, trachea, and bronchi are observed with mucosal inflammation and edema.	none	none
<b>Thogotovirus</b> Thogotovirus Dhori virus Isavirus	Fever, encephalitis	none	none

باتشکر از توجه

شما عزیزان

