

**KMCH INSTITUTE OF HEALTH SCIENCES AND RESEARCH****(A unit of Kovai Medical Centre and Hospital Limited)**

Coimbatore, Tamilnadu

SERIES 6  
JAN 2020**DEPARTMENT OF PHARMACOLOGY- NEW DRUG UPDATE***Strive for Novelty***Contents****FDA - NEW DRUG APPROVALS**

1. **Golodirsen**
2. **Enfortumab vedotin-ejfv**
3. **Brilliant Blue G Ophthalmic Solution**
4. **Lumateperone tosylate**
5. **Lemborexant**
6. **Fam-trastuzumab deruxtecan-nxki**
7. **Ubrogepant**

S.No	Drug Name	Mechanism of Action	Indications	Adverse Drug Reactions	Dosage Formulation	Date of FDA Approval
1.	<b>Golodirsen</b>	An antisense oligonucleotide. Binds to exon 53 of dystrophin pre-mRNA → exclusion of exon 53	Duchenne muscular dystrophy with mutation of the DMD gene that is amenable to exon 53 skipping	Headache, pyrexia, fall, abdominal pain, nasopharyngitis, cough, vomiting, and nausea	Intravenous Injection	12/12/2019
2.	<b>Enfortumab vedotin-ejfv</b>	Nectin-4-directed IgG1 antibody and microtubule inhibitor conjugate	Locally advanced or metastatic refractory urothelial cancer	Fatigue, peripheral neuropathy, loss of appetite, rash, alopecia, nausea, dry eye, diarrhea	Intravenous Injection	18/12/2019
3.	<b>Brilliant Blue G Ophthalmic Solution</b>	Selectively stain the internal limiting membrane	Dye used in eye surgery to selectively stain the internal limiting membrane	Due to surgical procedure - retinal - break, tear, hemorrhage, detachment & cataract	Intraocular Injection	20/12/2019
4.	<b>Lumateperone tosylate</b>	5-HT <sub>2A</sub> antagonism and central D <sub>2</sub> postsynaptic antagonism	An atypical antipsychotic to treat schizophrenia	Somnolence / sedation and dry mouth (No EPS & Metabolic syndrome)	Capsule	20/12/2019
5.	<b>Lemborexant</b>	Orexin receptor antagonist	Insomnia with sleep onset and/or sleep maintenance difficulty	Somnolence	Tablet	20/12/2019
6.	<b>Fam-trastuzumab deruxtecan-nxki</b>	HER2-directed antibody and topoisomerase inhibitor conjugate	Unresectable or metastatic refractory HER2-positive breast cancer	Nausea, alopecia, constipation or diarrhea, loss of appetite, anemia, pancytopenia and cough	Intravenous Injection	20/12/2019
7.	<b>Ubrogepant</b>	Calcitonin gene-related peptide receptor antagonist	Acute treatment of migraine with or without aura in adults	Nausea and somnolence	Tablet	23/12/2019

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