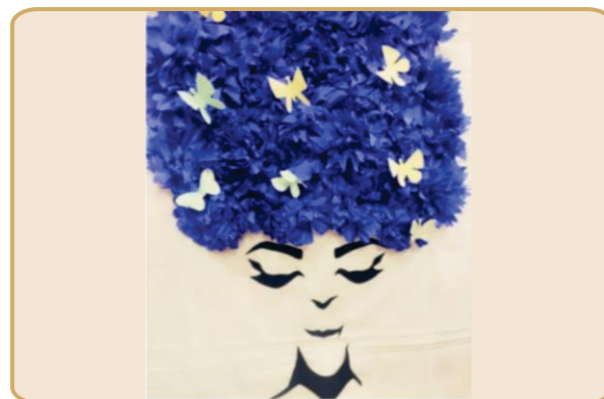


DEPARTMENT ACTIVITIES

- Pharm D students conducted International Women's Day celebration on 10th March 2020 based on the theme I am Generation Equality: Realizing women's rights.

Womens Day Celebration



DIC ACTIVITIES	NUMBER
Number of Queries Answered	52

Answers for Quiz

1.A 2.A 3.D 4.C 5.B

Book Post

To



Please send your suggestions to
The Chief Editor

CLINICAL PHARMA PRACTICE NEWSLETTER

Drug & Poison Information Centre,
Department of Pharmacy Practice,

Swamy Vivekanandha College of Pharmacy,

Elayampalayam, Tiruchengode - 637 205, Namakkal (Dt),
Tamilnadu.



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CHAIRMAN & SECRETARY

A Newsletter on CLINICAL PHARMA PRACTICE

An Update on Clinical Research and Drug Information



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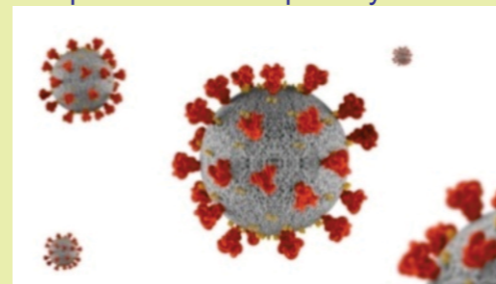
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PHARMACIST DESK

CORONA VIRUS INFECTIOUS DISEASE - 19 (COVID- 19)

A mild to severe respiratory illness that is caused by a corona virus (severe acute respiratory syndrome coronavirus 2 of the genus Beta coronavirus), transmitted by contact with infectious material and is characterized by fever, cough & shortness of breath, progress to pneumonia & respiratory failure.



ETIOLOGY

Health experts believe that new strain of CoV originated in bats or pangolins.

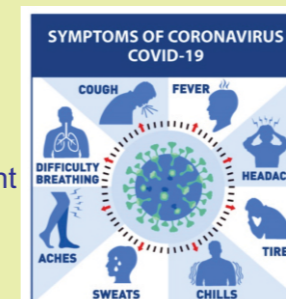
Direct exposure to infected people.

SYMPTOMS

Most common: Fever, Cold, Dry cough & Tiredness.
Less common: Aches & Pains, Sore throat, Diarrhoea, Conjunctivitis, Headache, Loss of taste or smell, Rashes on skin, or discolouration of fingers or toes.

Serious symptoms

- Difficulty in breathing or shortness of breath
- Chest pain or Pressure
- Loss of speech or Movement



PRECAUTIONS:



- Clean your hands often. Use soap and water, or alcohol-based hand rub.
- Maintain a safe distance from anyone who is coughing or sneezing.

- Wear a mask when physical distancing is not possible.
- Don't touch your eyes, nose or mouth.
- Cover your nose and mouth with your bent elbow or a tissue when you cough or sneeze.
- Cook the food thoroughly.
- Stay home if you have a fever or other symptoms seek medical attention.

TREATMENT

There is no specific treatment or vaccine for illness. Only the symptoms can be treated by supportive medical care.

NON PHARMACOLOGICAL TREATMENT:

- Avoid stressful condition.
- Get enough sleep and take rest.
- Drink plenty of water.
- Eat healthy and well cooked meals.
- Avoid intake of cold items as it may worsen the

SYMPTOMS

- Do some relaxation exercise like deep breathing, meditation or yoga.
- Mechanical ventilation is provided.
- Avoid watching news that may worry and worsen the health condition.
- Take food items which may improve immunity like garlic, ginger, turmeric, honey, citric fruits and nuts. Restrictions on animal feed.
- Strict procedures for dealing with sick animals.

Ref :
ALINA LORANCE, PHARM. D INTERN



CASE REPORT

Fracture in Trochanter Rt Femur

A 93 years old male patient was admitted with the complaints of pain over right hip, restriction of movements and history of self fall at home 1 week back. The patient had past medical history of CRIF left side leg as 4 years back. The vital and other parameters were found to be normal. The patient was diagnosed with fracture in trochanter-Rt femur. The patient was initiated on Inj. Pan 40mg twice daily, Inj. paracetamol 1gm thrice daily, Inj. Dalteparin 2500unit once daily, Inj. Ceftriaxone 1gm twice daily, Inj. Rantac 50mg twice daily, Cap. Bifilac 30mg before food and Inj. Tramadol 50mg twice daily.

Conclusion

A trochanter is tubercle of the femur near its joint with the hip bone. Trochanteric fracture involves the proximal femur between the cervical and the shaft. The most common treatment for intertrochanteric fracture is surgery. Inter-trochanteric fracture situated between the trochanters, which are bony protrusions on the femur. One of the most common surgical treatments for this type of hip fracture is an open reduction and internal fixation. Open reduction and internal fixation puts pieces of a broken bone into place using surgery.

Ref :

Ms. S. ARUNA, Pharm. D Intern.,

QUIZ

1. All the following products used in the treatment of glaucoma are applied topically EXCEPT

- A. Xalatan B. Diamox
C. Trusopt D. Timoptol E. Betoptic

2. Which is an alternative preparation of Lipitor?

- A. Cozaar B. Lescol
C. Zestril D. Cardura E. Trandate

3. Tambocor:

- A. may be of value in serious symptomatic ventricular arrhythmias
B. is a beta-adrenoceptor blocker
C. is available only for parenteral administration
D. cannot be administered concurrently with antibacterial agents
E. is a proprietary preparation for amiodarone

4. Terazosin:

- A. constricts smooth muscle B. is a selective beta-blocker
C. increases urinary flow rate D. may cause an increase in blood pressure
E. is indicated in urinary frequency

5 Legionnaires' disease:

- A. is caused by a Gram-positive coccus
B. is a chronic infectious disease
C. has an incubation period of 2 days to 3 years
D. is characterised by the development of pneumonia
E. may be prevented by vaccination

Ref :

V. Akila, Pharm .D., Intern.,

RECENTLY APPROVED DRUGS BY FDA

S. No.	DRUG NAME	DOSE	DOSAGE	INDICATIONS	APPROVED ON
1.	Artesunate	2.4 mg/kg	Injection	Severe malaria	21.01.2020
2.	Byfavo	5 mg	Injection	Nasal anesthesia	10.01.2020
3.	Rukobia	600 mg	Tablets	Gastrointestinal Stromal Tumor	09.01.2020
4.	Blenrep	2.5mg/ kg	Injection	Migraine	23.12.2019
5.	Evrysdi	0.7 mg/ml	Solution	Insomnia	20.12.2019

Ref : www.fda.com

NEW DRUG PROFILE

VILTEPSO	OLINVYK
Generic name : Viltolarsen	Generic name : Oliceridine
Drug class : Anti-sense oligo nucleotides	Drug class : Opioid analgesics
Dosage form and strength : 80 mg/ kg; injection	Dosage forms and strength : 1mg/mL
Indication : To treat Duchenne muscular dystrophy	Indication : To manage acute pain in certain adults
Moa : It binds to exon 53 of dystrophin pre- mRNA resulting in exclusion of this exon during mRNA processing in patients with genetic mutations that are amenable to exon skipping.	MoA : To reduce repetitive neuronal firing by inhibiting voltage – gated sodium currents. It is also a positive allosteric modulator of the γ- aminobutyric acid ion channel.
ADR : Injection site reactions (bruising, redness), Upper respiratory tract infection, joint pain.	ADR : Nausea, Vomiting, Constipation, Sedation
Storage : Refrigerate at 2-8°C (36-46°F), Do not freeze	Storage : Store at 20-25°C
Drug Approved on : 12.8.2020	Drug : Approved on : 07.08.2020

MERIL LUCY SHIBU, Pharm.D., Intern.,