

peripheral edema improve when furosemide (lasix), a loop diuretic is administered. The patient discharged home with furosemide and other medications. He returns to his physician 3 weeks after the hospitalization and complains of weakness, dizziness and nausea. An electrolyte panel demonstrates hypokalemia and he is started on supplemental potassium, with improvement of his symptoms.

1- What is the mechanism of action of loop diuretic?

(10 Marks)

2- What are the other types of diuretics, their mechanism and site of action?

(15 Marks)

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Good Luck. Prof. Mahmoud Raafat & Exam committee