

# Readmissions in Parkinson's disease patients

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Dr Sirish Vasireddy

DME Consultant

Royal Derby Hospital

# Background/Methodology

- To look at –
- Percentage of readmissions (within 28 days of discharge)
- Reasons for readmission
- Any preventive measures that can be instated to reduce readmission rate
- Retrospective audit of 100 acute admissions (between the period of Oct'12 to March'13) looking for rate and reasons for readmission

# Age and gender

- Total number of readmissions – 18/100 (includes 1 pt admitted x2 and another pt admitted x4)
- Males 10, Females 4

Age range	Number
65-69yrs	1
70-74yrs	2
75-79yrs	3
80-84yrs	5
85-89yrs	3

# Length of stay

LOS (in days)	Spell - 1	Spell - 2
Range	2-26	1-26
Mean	9.5	5.3
Median	7	2.5

Gap in days	No of patients
<3	5
4-7	1
8-14	6
15-28	6

# Reasons for admission

S.No	1 <sup>st</sup> Admission	Gap	2 <sup>nd</sup> Admission
1.	Fall (New $\Delta$ )	28	Fall
2.	Fall (Postural BP)	9	Bladder spasm
3.	Dyskinesia (Meds) /cellulitis	21	Abdo pain (Gastritis)
4.	Meds adjustment	28	Apomorphine
5.	Pseudoobstruction	1	Flatus tube
6.	Angina	11	Pulm edema

# Reasons for admission

7.	UTI confusion	5	UTI fall
8.	Chest infection	12	Chest infection
9.	Chest infection	10	↓Responsiveness
10.	Urosepsis	3	↓Responsiveness
11.	↓Responsiveness	1	↓Responsiveness
12.	UTI	10	Chest pain (MSK)
13.	Chest infection	3	Diarrhoea
14.	DBS site infection	19	Angina

# Reasons for admission (last patient)

1 <sup>st</sup> Admission	Chest infection (Needed NG)
Gap	0 days
2 <sup>nd</sup> Admission	↓ Responsiveness (Coliforms in urine - LTC)
Gap	10 days
3 <sup>rd</sup> Admission	↓ Responsiveness (?postural hypotension)
Gap	21 days
4 <sup>th</sup> Admission	↓ Responsiveness (?medication)

# Summary

Individual care plans are needed prior to discharge for patients who are at high risk of readmissions due to complications from advanced disease or medication (such as Postural hypotension, Somnolence and ↓Responsiveness)