



## Time Delay Caused By Surgical Fitness To Post A Trauma Patient To Operation Theatre

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### Abstract

**Introduction:** Fractures which requires fixations are orthopaedic surgical emergencies which should be done as early as possible. The main reason why it is considered as surgical emergency is because of its complication secondary to immobilisation due to fractures and injury to neurovascular structures. **Objective:** To ensure that time taken for the admitted trauma patients to be posted within 24 hours. **Sample size:** 30. **Study type:** Prospective study. **Period of study:** August 16, 2015 to October 16, 2015, PSG Hospitals. **Results:** 1) Out of 30 patients observed 25 patients were posted for surgical procedure within 24 hrs of admission. 2) Out of 5 patients who got delayed, 5 were delayed due to fitness. **Discussion:** Out of 30 patients observed, 25 patients were posted for surgical procedure within 24 hrs of admission. out of 5 patients who got delayed, 5 were delayed due to fitness. 83% of the case were shifted to OT within 24 hrs of admission. **Recommendations:** All admitted trauma patients should be posted to operation theatre within 24 hours unless there are any life threatening complications. A standard protocol should be devised and all the ward staffs should be trained adequately to avoid any delay in shifting the patient to operation theatre.

**Key words:** Time; Delay; Trauma

### Introduction

- Fractures which requires fixations are orthopaedic surgical emergencies which should be done as early as possible.
- The main reason why it is considered as surgical emergency is because of its complication secondary to immobilisation due to fractures and injury to neurovascular structures.

### Aim

To evaluate the time delay caused by surgical fitness to post a trauma patient to operation theatre from the time of admission in ortho ward.

### Objective

To ensure that time taken for the admitted trauma patients to be posted within 24 hours.

### Standards

100% of the admitted trauma patients to be posted to operation theatre within 24 hours.

### Data Collection

From admission slips and OT records from PSG Hospitals.

### Inclusion criteria

All the trauma cases which are admitted in the ortho ward in PSG Hospitals.

### Exclusion criteria

Trauma cases which are admitted in other wards in PSG Hospitals.

### Sample size 30

### Study type Prospective study

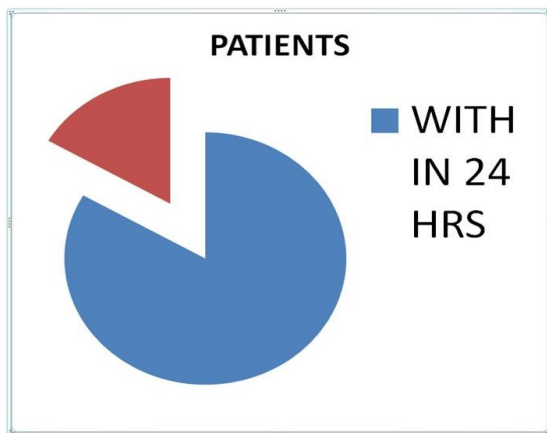
## Period of study

August 16, 2015 to October 16, 2015, PSG Hospitals.

## Results

1) Out of 30 patients observed 25 patients were posted for surgical procedure within 24 hrs of admission.

2) Out of 5 patients who got delayed, 5 were delayed due to fitness.



## Discussion

- Out of 30 patients observed, 25 patients were posted for surgical procedure within 24 hrs of admission. Out of 5 patients who got delayed, 5 were delayed due to fitness. 83% of the cases were shifted to OT within 24 hrs of admission.

## Recommendations

- All admitted trauma patients should be posted to operation theatre within 24 hours unless there are any life-threatening complications.
- A standard protocol should be devised and all the ward staffs should be trained adequately to avoid any delay in shifting the patient to operation theatre.

## References

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### **MASTER CHART**

SL. NO.	IP NO.	TIME OF PATIENT ADMISSION	TIME OF PATIENT OPERATED	TIME TAKEN FOR SHIFTING TO OT	REASON FOR DE-LAY
1	I15024290	16/8/15 11:45PM	25/8/15 9:00AM	16HRS 15MINS	
2	I15054148	20/8/15 12:25PM	20/8/15 10:45PM	11HRS 10MINS	
3	I15024538	24/8/15 11:45PM	28/8/15 9:15AM	105HRS	FITNESS
4	I15024740	26/8/15 6:00PM	27/8/15 9:35AM	15HRS 35MINS	
5	I15029989	29/8/15 1:30PM	29/8/15 5:00PM	3HRS 30MINS	
6	I15024998	29/8/15 2:40PM	30/8/15 11:45AM	20HRS 55MINS	
7	I15025071	30/8/15 9:30PM	31/8/15 11:30AM	14HRS	
8	I15025198	31/8/15 5:30PM	1/9/15 8:45AM	15HRS 15MINS	
9	I15026046	8/9/15 7:30PM	9/9/15 11:20AM	15HRS 50MINS	
10	I15026053	8/9/15 9:00PM	9/9/15 1:25PM	16HRS 25MINS	
11	I15026057	8/9/15 12:30AM	9/9/15 10:10AM	9HRS 40MINS	
12	I15026062	8/9/15 12:30AM	9/9/15 9:30AM	9HRS	
13	I15026168	9/9/15 7:30AM	9/9/15 11:30PM	16HRS	
14	I15026207	10/9/15 11:00AM	12/9/15 11:00AM	48HRS	FITNESS
15	I15026216	10/9/15 12:30AM	11/9/15 11:30AM	23HRS	
16	I15026337	11/9/15 1:00PM	12/9/15 12:30PM	23HRS 30MINS	
17	I15026748	15/9/15 7:30PM	17/9/15 9:30AM	38 HRS	FITNESS
18	I15026930	17/9/15 7:30PM	18/9/15 11:25AM	15HRS 55MINS	
19	I15026926	17/9/15 12:30AM	17/9/15 10:10AM	9HRS 40MINS	
20	I15026936	17/9/15 2:30AM	17/9/15 9:30AM	7HRS	
21	I15027060	18/9/15 12:30AM	21/9/15 9:50AM	57HRS 20 MINS	FITNESS
22	I15028066	28/9/15 9:00PM	29/9/15 1:10PM	16HRS 10MINS	
23	I15028518	3/10/15 1:30PM	3/10/15 6:30PM	5HRS	
24	I15028557	3/10/15 6:00PM	8/10/15 10:15AM	112HRS 15MINS	FITNESS
25	I15024142	24/8/15 7:30PM	25/8/15 9:30AM	14 HRS	
26	I15029307	11/10/15 11:00AM	12/10/15 10:50AM	23HRS 50MINS	
27	I15029291	11/10/15 5:00PM	12/10/15 2:10PM	21HRS 10MINS	
28	I15029359	12/10/15 7:00AM	12/10/15 2:00AM	7HRS	
29	I15030006	17/10/15 10:00AM	17/10/15 3:00PM	5HRS	
30	I15030045	17/10/15 12:00PM	17/10/15 9:30PM	9HRS 30MINS	

