

Hospital Name: Pakistan Institute of Medical Sciences-[Children Wing]

Contact Person: Dr Nadeem Akther

### **Accident and Emergency Department (EMG/ER)**

(This Evaluation is being done on Generalized set of values as per Dr SIR in addition to Specified data and activities as provided by you at different input forms of Dr SIR module 'Efficiency Measurement')

#### **A) Period and Parameter**

- i) Efficiency Measurement Evaluation Period: May 01, 2008 to May 31, 2008
- ii) Overall Hospital Working days are: 31 Day(s)
- iii) Total Working days in Emergency Department (EMG) are: 31 Day(s)
- iv) Jump Over Time (JOT) (%): 20 %
- v) Specialty: Surgery and Allied Specialties - General Pediatrics Surgery
- vi) Department: Accident and Emergency Department(EMG)
- vii) Professorial Unit: General Pediatrics Surgery Unit 3 (Dr Sabeeha)
- viii) Team: EMG team1
- ix) Accident and Emergency Department Inputs:

	Under Observation patients	Post-Operative patients
Total Patients	437	

#### **B) Details of Individual Professional inputs in terms of Time/ Duty roster and work units (W.U.) generation capacity and Actual work units**

Professional Category: Medical Officer

Professional Name: MO-1

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,065.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-1

	Under Observation patients	Post-Operative patients
Total Patients	33.00	

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is:

3,744.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR</b>	241.60		76.16				192.71
<b>ii) Average time required to take all rounds (in minutes)</b>	2,679.34		480.60				3,938.03
<b>iii) Actual time available in Emergency Department to take all rounds (in minutes)</b>	1,515.91		0.00	0.00			2,228.04
<b>iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round</b>	136.69		0.00	0.00			109.03
<b>v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round</b>	6.27						--
<b>vi) If average number of patients are examined then time available for History Taking per patient would be</b>	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,905.55	0.00	0.00	0.00			838.45
ii) Number of cases for whom he/ she has actually taken round.	33.00						--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	20.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time.	22.75	0.00	0.00	0.00			41.92

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-1

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,065.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**8,617.41**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 142.08 %
- 2- His/ Her work potential is utilized up to 1.42 times.
- 3- His/ her potential is being over utilized by 40.08 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.22 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 10.64 % or '0.11' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **35.32** Under Observation patient(s) where as he/ she has actually taken rounds of **33.00** Under Observation patient(s) i.e. approximately **2.32** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

Professional Category: Medical Officer

Professional Name: MO-2

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,065.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-2

	Under Observation patients	Post-Operative patients
Total Patients	30.00	

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,744.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	241.60		76.16				192.71
ii) Average time required to take all rounds (in minutes)	2,679.34		480.60				3,938.03
iii) Actual time available in Emergency Department to take all rounds (in minutes)	1,515.91		0.00	0.00			2,228.04
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	136.69		0.00	0.00			109.03
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
vi) If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	3,145.02	0.00	0.00	0.00			598.98
ii) Number of cases for whom he/ she has actually taken round.	30.00						--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	12.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time.	27.09	0.00	0.00	0.00			49.92

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-2

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,065.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**7,680.52**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 126.63 %
- 2- His/ Her work potential is utilized up to 1.27 times.
- 3- His/ her potential is being over utilized by 24.63 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 1.58 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 9.48 % or '0.09' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **35.32** Under Observation patient(s) where as he/ she has actually taken rounds of **30.00** Under Observation patient(s) i.e. approximately **5.32** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

Professional Category: Medical Officer

Professional Name: MO-3

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,065.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-3

	Under Observation patients	Post-Operative patients
Total Patients	35.00	

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,744.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i)</b> Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	241.60		76.16				192.71
<b>ii)</b> Average time required to take all rounds (in minutes)	2,679.34		480.60				3,938.03
<b>iii)</b> Actual time available in Emergency Department to take all rounds (in minutes)	1,515.91		0.00	0.00			2,228.04
<b>iv)</b> Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	136.69		0.00	0.00			109.03
<b>v)</b> If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
<b>vi)</b> If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,912.07	0.00	0.00	0.00			831.93
ii) Number of cases for whom he/ she has actually taken round.	35.00						--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	21.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time.	21.50	0.00	0.00	0.00			39.62

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-3

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,065.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**9,021.30**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 148.74 %
- 2- His/ Her work potential is utilized up to 1.49 times.
- 3- His/ her potential is being over utilized by 46.74 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.45 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 11.14 % or '0.11' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **35.32** Under Observation patient(s) where as he/ she has actually taken rounds of **35.00** Under Observation patient(s) i.e. approximately **0.32** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

Professional Category: Medical Officer

Professional Name: MO-4

- i) His/ Her total working days in Emergency Department are: 14 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 5,040.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 4,032.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,531.84' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-4

	Under Observation patients	Post-Operative patients
Total Patients	36.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 4,032.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i)</b> Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	260.18		82.02				207.54
<b>ii)</b> Average time required to take all rounds (in minutes)	2,885.40		517.55				4,241.08
<b>iii)</b> Actual time available in Emergency Department to take all rounds (in minutes)	1,632.50		0.00	0.00			2,399.52
<b>iv)</b> Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	147.20		0.00	0.00			117.42
<b>v)</b> If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
<b>vi)</b> If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	3,561.02	0.00	0.00	0.00			470.98
ii) Number of cases for whom he/ she has actually taken round.	36.00	0.00					--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	10.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time and actual time for	25.56	0.00	0.00	0.00			47.10

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-4

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,531.84**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**9,713.18**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 148.71 %
- 2- His/ Her work potential is utilized up to 1.49 times.
- 3- His/ her potential is being over utilized by 46.71 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.45 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 11.14 % or '0.11' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **38.04** Under Observation patient(s) where as he/ she has actually taken rounds of **36.00** Under Observation patient(s) i.e. approximately **2.04** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

Professional Category: Medical Officer

Professional Name: MO-5

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,065.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-5

	Under Observation patients	Post-Operative patients
Total Patients	38.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,744.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i)</b> Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	241.60		76.16				192.71
<b>ii)</b> Average time required to take all rounds (in minutes)	2,679.34		480.60				3,938.03
<b>iii)</b> Actual time available in Emergency Department to take all rounds (in minutes)	1,515.91		0.00	0.00			2,228.04
<b>iv)</b> Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	136.69		0.00	0.00			109.03
<b>v)</b> If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
<b>vi)</b> If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	3,364.58	0.00	0.00	0.00			379.42
ii) Number of cases for whom he/ she has actually taken round.	38.00	0.00					--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	9.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time and actual time for	22.88	0.00	0.00	0.00			42.16

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-5

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,065.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**9,888.66**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 163.04 %
- 2- His/ Her work potential is utilized up to 1.63 times.
- 3- His/ her potential is being over utilized by 61.04 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.90 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 12.21 % or '0.12' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **35.32** Under Observation patient(s) where as he/ she has actually taken rounds of **38.00** Under Observation patient(s) i.e. approximately **2.68** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Medical Officer

**Professional Name:** MO-6

- i) His/ Her total working days in Emergency Department are: 12 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,320.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,456.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '5,598.72' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-6

	Under Observation patients	Post-Operative patients
Total Patients	30.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,456.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i)</b> Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	223.03		70.31				177.89
<b>ii)</b> Average time required to take all rounds (in minutes)	2,473.40		443.65				3,635.18
<b>iii)</b> Actual time available in Emergency Department to take all rounds (in minutes)	1,399.35		0.00	0.00			2,056.65
<b>iv)</b> Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	126.18		0.00	0.00			100.64
<b>v)</b> If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
<b>vi)</b> If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,982.62	0.00	0.00	0.00			473.38
ii) Number of cases for whom he/ she has actually taken round.	30.00	0.00					--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	10.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time and actual time for	25.69	0.00	0.00	0.00			47.34

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-6

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**5,598.72**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**7,640.78**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 136.47 %
- 2- His/ Her work potential is utilized up to 1.36 times.
- 3- His/ her potential is being over utilized by 34.47 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.00 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 10.22 % or '0.10' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **32.60** Under Observation patient(s) where as he/ she has actually taken rounds of **30.00** Under Observation patient(s) i.e. approximately **2.60** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

Professional Category: Medical Officer

Professional Name: MO-7

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '6,065.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

MO-7

	Under Observation patients	Post-Operative patients
Total Patients	17.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,744.00

<b>2-b-1) Time and Work analysis as per Dr-SIR Values</b>	<b>Under Observation</b>	<b>Post-Operative Analysis</b>	<b>Under Observation (Assistance with HOD)</b>	<b>Post-Operative (Assistance with HOD)</b>	<b>Under Observation (Assistance with Specialist)</b>	<b>Post-Operative (Assistance with Specialist)</b>	<b>Physical Examination and History Taking</b>
<b>i)</b> Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	241.60		76.16				192.71
<b>ii)</b> Average time required to take all rounds (in minutes)	2,679.34		480.60				3,938.03
<b>iii)</b> Actual time available in Emergency Department to take all rounds (in minutes)	1,515.91		0.00	0.00			2,228.04
<b>iv)</b> Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	136.69		0.00	0.00			109.03
<b>v)</b> If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round	6.27						--
<b>vi)</b> If average number of patients are examined then time available for History Taking per patient would be	--	--	--	--	--	--	11.56

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation (Assistance with HOD)	Post-Operative (Assistance with HOD)	Under Observation (Assistance with Specialist)	Post-Operative (Assistance with Specialist)	Physical Examination and History Taking
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,924.82	0.00	0.00	0.00			819.18
ii) Number of cases for whom he/ she has actually taken round.	17.00	0.00					--
iii) Number of cases for whom he/ she has actually taken history taking and physical examination.	--	--	--	--	--	--	10.00
iv) Actual time (in minutes) per round he/ she has taken around a patient within his/ her actual time and actual time for	44.46	0.00	0.00	0.00			81.92

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Medical Officer

**Professional Name:** MO-7

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**6,065.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**7,769.81**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 128.10 %
- 2- His/ Her work potential is utilized up to 1.28 times.
- 3- His/ her potential is being over utilized by 26.10 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 1.64 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 9.59 % or '0.10' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation

period **May 01, 2008** to **May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008** , he/ she could have taken rounds of approximately **35.32** Under Observation patient(s) where as he/ she has actually taken rounds of **17.00** Under Observation patient(s) i.e. approximately **18.32** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Mumtaz Ali

- i) His/ Her total working days in Emergency Department are: 10 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 3,600.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 2,880.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '3,225.60' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Mumtaz Ali

	Under Observation patients	Post-Operative patients
Total Patients	36.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 2,880.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	516.52		87.40				277.25	
ii) Average time required to take all rounds (in minutes)	5,816.02		551.50				3,074.67	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	1,884.01		0.00	0.00			995.99	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	167.32		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						127.71	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	1,939.92	0.00	0.00	0.00			940.08	0.00
ii) Number of cases for whom he/ she has actually taken round.	36.00	0.00					33.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	7.47	0.00	0.00	0.00			7.36	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse

**Professional Name:** Mumtaz Ali

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**3,225.60**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**5,244.17**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- |  |             |
|--|-------------|
| 1- His/ Her efficiency is  | 162.58 %    |
| 2- His/ Her work potential is utilized up to                         | 1.63 times. |
| 3- His/ her potential is being over utilized by                      | 60.58 %     |
| 4- His/ her rate of complications/ misdiagnosis will be increased by | 2.88 %      |

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 12.18 % or '0.12' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **23.21** Under Observation patient(s) where as he/ she has actually taken rounds of **36.00** Under Observation patient(s) i.e. approximately **12.79** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Adeeba

- i) His/ Her total working days in Emergency Department are: 13 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,680.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,744.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '4,193.28' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Adeeba

	Under Observation patients	Post-Operative patients
Total Patients	41.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,744.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	671.47		113.62				360.41	
ii) Average time required to take all rounds (in minutes)	7,560.75		716.93				3,996.98	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	2,449.20		0.00	0.00			1,294.80	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	217.51		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						150.93	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,491.25	0.00	0.00	0.00			1,252.75	0.00
ii) Number of cases for whom he/ she has actually taken round.	41.00	0.00					39.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	8.43	0.00	0.00	0.00			8.30	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse  
**Professional Name:** Adeeba

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**4,193.28**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**5,698.81**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 135.90 %
- 2- His/ Her work potential is utilized up to 1.36 times.
- 3- His/ her potential is being over utilized by 33.90 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 1.98 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 10.18 % or '0.10' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **30.17** Under Observation patient(s) where as he/ she has actually taken rounds of **41.00** Under Observation patient(s) i.e. approximately **10.83** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Nasir u ddin

- i) His/ Her total working days in Emergency Department are: 5 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 1,800.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 1,440.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '1,612.80' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Nasir u ddin

	Under Observation patients	Post-Operative patients
Total Patients	23.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 1,440.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	258.26		43.70				138.62	
ii) Average time required to take all rounds (in minutes)	2,908.01		275.75				1,537.33	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	942.00		0.00	0.00			498.00	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	83.66		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						81.27	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	971.21	0.00	0.00	0.00			468.79	0.00
ii) Number of cases for whom he/ she has actually taken round.	23.00	0.00					21.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	5.86	0.00	0.00	0.00			5.77	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse

**Professional Name:** Nasir u ddin

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**1,612.80**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**3,100.75**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- |  |             |
|--|-------------|
| 1- His/ Her efficiency is  | 192.26 %    |
| 2- His/ Her work potential is utilized up to                         | 1.92 times. |
| 3- His/ her potential is being over utilized by                      | 90.26 %     |
| 4- His/ her rate of complications/ misdiagnosis will be increased by | 3.59 %      |

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 14.40 % or '0.14' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **11.60** Under Observation patient(s) where as he/ she has actually taken rounds of **23.00** Under Observation patient(s) i.e. approximately **11.40** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Sabra

- i) His/ Her total working days in Emergency Department are: 3 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 1,080.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 864.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '967.68' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Sabra

	Under Observation patients	Post-Operative patients
Total Patients	6.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 864.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	154.94		26.22				83.17	
ii) Average time required to take all rounds (in minutes)	1,744.62		165.43				922.31	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	565.18		0.00	0.00			298.82	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	50.19		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						23.22	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	565.20	0.00	0.00	0.00			298.80	0.00
ii) Number of cases for whom he/ she has actually taken round.	6.00	0.00					6.00	
iii) Actual time per (In minutes) round he/ she has taken around a patient within his/ her	13.07	0.00	0.00	0.00			12.87	0.00

### C) Work Unit (W.U.) performance analysis of individual

Professional Category: Nurse

Professional Name: Sabra

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**967.68**' Work Units during the period **May 01, 2008** to **May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**833.97**' during the period **May 01, 2008** to **May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 86.18 %
- 2- His/ Her work potential is utilized up to 0.86 times.
- 3- His/ her potential is being under utilized by 15.82 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is greater than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 6.46 % or '0.06' times.

#### 3-c) Possible Reasons:

Increase in time in Under Observation patients may be because of the following reasons:

- 1- He/ She is attending less Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008** to **May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008** to **May 31, 2008**, he/ she could have taken rounds of approximately **6.96** Under Observation patient(s) where as he/ she has actually taken rounds of **6.00** Under Observation patient(s) i.e. approximately **0.96** less Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Jasica

- i) His/ Her total working days in Emergency Department are: 12 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 4,320.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 3,456.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '3,870.72' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Jasica

	Under Observation patients	Post-Operative patients
Total Patients	43.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 3,456.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	619.84		104.88				332.70	
ii) Average time required to take all rounds (in minutes)	6,979.40		661.81				3,689.69	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	2,260.83		0.00	0.00			1,195.17	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	200.78		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						154.80	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	2,316.71	0.00	0.00	0.00			1,139.29	0.00
ii) Number of cases for whom he/ she has actually taken round.	43.00	0.00					40.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	7.47	0.00	0.00	0.00			7.36	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse

**Professional Name:** Jasica

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**3,870.72**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**5,832.59**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 150.68 %
- 2- His/ Her work potential is utilized up to 1.51 times.
- 3- His/ her potential is being over utilized by 48.68 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 2.52 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 11.29 % or '0.11' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **27.85** Under Observation patient(s) where as he/ she has actually taken rounds of **43.00** Under Observation patient(s) i.e. approximately **15.15** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Ghafoor

- i) His/ Her total working days in Emergency Department are: 6 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 2,160.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 1,728.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '1,935.36' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Ghafoor

	Under Observation patients	Post-Operative patients
Total Patients	28.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 1,728.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	309.89		52.44				166.33	
ii) Average time required to take all rounds (in minutes)	3,489.36		330.87				1,844.63	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	1,130.38		0.00	0.00			597.62	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	100.39		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						100.62	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	1,159.04	0.00	0.00	0.00			568.96	0.00
ii) Number of cases for whom he/ she has actually taken round.	28.00	0.00					26.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	5.74	0.00	0.00	0.00			5.65	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse  
**Professional Name:** Ghafoor

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**1,935.36**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**3,795.73**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 196.13 %
- 2- His/ Her work potential is utilized up to 1.96 times.
- 3- His/ her potential is being over utilized by 94.13 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 3.67 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 14.69 % or '0.15' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **13.92** Under Observation patient(s) where as he/ she has actually taken rounds of **28.00** Under Observation patient(s) i.e. approximately **14.08** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** Aneela

- i) His/ Her total working days in Emergency Department are: 4 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 1,440.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 1,152.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '1,290.24' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

Aneela

	Under Observation patients	Post-Operative patients
Total Patients	16.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 1,152.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	206.64		34.97				110.91	
ii) Average time required to take all rounds (in minutes)	2,326.77		220.63				1,230.04	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	753.64		0.00	0.00			398.36	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	66.93		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						58.05	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	770.25	0.00	0.00	0.00			381.75	0.00
ii) Number of cases for whom he/ she has actually taken round.	16.00	0.00					15.00	
iii) Actual time per (in minutes) round he/ she has taken around a patient within his/ her	6.68	0.00	0.00	0.00			6.58	0.00

### C) Work Unit (W.U.) performance analysis of individual

Professional Category: Nurse

Professional Name: Aneela

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**1,290.24**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**2,175.86**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- |  |             |
|--|-------------|
| 1- His/ Her efficiency is  | 168.64 %    |
| 2- His/ Her work potential is utilized up to                         | 1.69 times. |
| 3- His/ her potential is being over utilized by                      | 66.64 %     |
| 4- His/ her rate of complications/ misdiagnosis will be increased by | 3.05 %      |

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 12.63 % or '0.13' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.

2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **9.28** Under Observation patient(s) where as he/ she has actually taken rounds of **16.00** Under Observation patient(s) i.e. approximately **6.72** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.

**Professional Category:** Nurse

**Professional Name:** surraiya

- i) His/ Her total working days in Emergency Department are: 8 Day(s)
- ii) Average working hours/day in Emergency Department are: 6.00 Hour(s)
- iii) Available time (minutes) in Emergency Department is: 2,880.00 Minute(s)
- iv) Actual time (minutes) Less JOT in Emergency Department is: 2,304.00 Minute(s)
- v) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '2,580.48' Work Units during the period **May 01, 2008 to May 31, 2008**.

**1-b) During the Efficiency Measurement Period May 01, 2008 to May 31, 2008, patients seen, evaluated, diagnosed and treatment prescribed in the EMG and the patients analyzed in EMG along with the under observation, and Post operation period of stay by**

surraiya

	Under Observation patients	Post-Operative patients
Total Patients	25.00	0.00

**2-b) According to the available time to examine patients in Emergency Department, following is the "Performance Evaluation Analysis Report" on Generalized set of values as per Dr SIR**

According to duty schedule his/ her available time (minutes) in EMG Department is: 2,304.00

2-b-1) Time and Work analysis as per Dr-SIR Values	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative( Assistance with Medical Officer)
i) Required average number of rounds which should be/ are taken by him/ her as per Dr-SIR	413.21		69.92				221.79	
ii) Average time required to take all rounds (in minutes)	4,652.74		441.18				2,459.65	
iii) Actual time available in Emergency Department to take all rounds (in minutes)	1,507.20		0.00	0.00			796.80	0.00
iv) Rounds that can be actually taken according to his/ her time available using Dr-SIR average time per round	133.85		0.00	0.00			3.59	
v) If average rounds as distributed by Dr-SIR are to be taken with in his/her available time then the time available to examine a patient per round would be	3.65						89.01	

2-b-2) Time and Work analysis as per actual data	Under Observation	Post-Operative Analysis	Under Observation( Assistance with HOD)	Post-Operative( Assistance with HOD)	Under Observation( Assistance with Specialist)	Post-Operative ( Assistance with Specialist)	Under Observation( Assistance with Medical Officer)	Post-Operative ( Assistance with Medical Officer)
i) Actual time available (in minutes) in Emergency Department to take rounds or to take history taking and physical examination.	1,550.10	0.00	0.00	0.00			753.90	0.00
ii) Number of cases for whom he/ she has actually taken round.	25.00	0.00					23.00	
iii) Actual time per (In minutes) round he/ she has taken around a patient within his/ her	8.60	0.00	0.00	0.00			8.47	0.00

### C) Work Unit (W.U.) performance analysis of individual

**Professional Category:** Nurse  
**Professional Name:** surraiya

i) According to his/ her duty assignments in Emergency Department he/ she has the capacity to generate '**2,580.48**' Work Units during the period **May 01, 2008 to May 31, 2008**.

ii) But the work units he/ she has actually generated in Emergency Department as per Dr SIR are '**3,378.74**' during the period **May 01, 2008 to May 31, 2008**.

#### 1-c) AS A RESULT:

- 1- His/ Her efficiency is 130.93 %
- 2- His/ Her work potential is utilized up to 1.31 times.
- 3- His/ her potential is being over utilized by 28.93 %
- 4- His/ her rate of complications/ misdiagnosis will be increased by 1.77 %

#### 2-c) Under the Generalized set of values

- 1- Actual time per Under Observation patient is less than Average time required per Under Observation patient.
- 2- Actual time per Post-Operative patient is less than Average time required per Post-Operative patient.
- 3- His/ Her rate of complications/ misdiagnosis will be 9.81 % or '0.10' times.

#### 3-c) Possible Reasons:

Decrease in time for Under Observation patients may be because of the following reasons:

- 1- He/ She is attending more Under Observation patient(s) than he/ she is supposed to attend within the allocated duty time during evaluation period **May 01, 2008 to May 31, 2008** as per Dr SIR.
- 2- According to his/ her available work time during the evaluation period **May 01, 2008 to May 31, 2008**, he/ she could have only taken rounds of approximately **18.56** Under Observation patient(s) where as he/ she has actually taken rounds of **25.00** Under Observation patient(s) i.e. approximately **6.44** more Under Observation patient(s).

**Note:** However it may be noted that the values not falling within acceptability range may become acceptable if the evaluation is done on specified set of values for each professional.