

# Partogram - Case 1

Enter the following information  
onto your partogram



# Demographics

Kerry, a 20 year old primigravida, presented to the labour ward with a 2 hour history of contractions at 38+ weeks gestation.

She was booked and her antenatal course had been uneventful

# Findings @ 09:00

Vitals: BP 120/80 mmHg, pulse 90/min, and temperature 37.1°C.

Contractions: 2/10 minutes lasting 20 seconds.

Palpation: longitudinal lie; Vx 5/5 above brim

And FHR 144

PV: Cx 2 cm dilated

# Action

1<sup>st</sup> question?

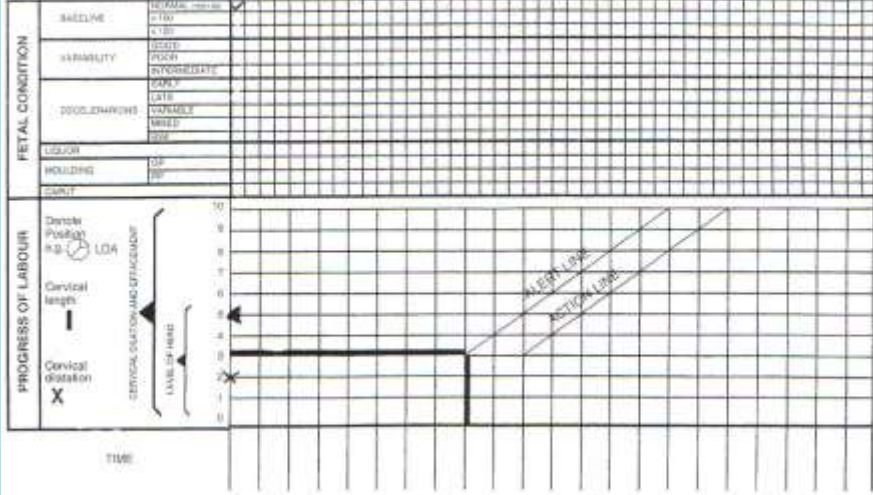
Is she in latent or active phase?

Latent phase

So?

Enter her on the left of the chart

NAME: KA PARTU: 0 AGE: 20 DATE: --/01/0- PGLWS: \_\_\_\_\_ EPW: T  LOW RISK  
 RISK FACTORS: \_\_\_\_\_ DURATION OF LABOUR: \_\_\_\_\_ O/A: 3 hrs  HIGH RISK  
 DURATION OF ROM: \_\_\_\_\_ O/A: \_\_\_\_\_



NAME AND SIGNATURE OF PERSON EXAMINING

MATERIAL CONDITION	CONTRACTION	Frequency: _____ Duration: _____ Intensity: _____
	DRUGS AND INTRAVENOUS FLUIDS	_____
	Pulse = _____ BP = _____	_____
	UPPER	_____

MANAGEMENT	ASSESSMENT TIME	_____
	PROBLEMS IDENTIFIED	_____
	PLAN	_____

Next exam @ 13:00

Contractions: 3 in 10 minutes lasting 35 seconds, HAB: 3/5, FHR: 144

ROM @ 10:00 – clear liquor draining

Vitals: BP 120/70, pulse 88/min, temp 37°C

PV: Cx 4cm dilated

# Action

Ist question?

Is she in active or latent phase?

Active phase

So?

Transfer to Alert line

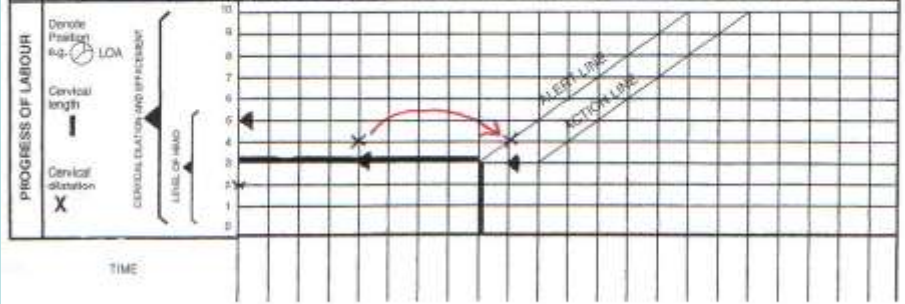
Enter new time scale

Draw arrow to indicate transfer



NAME KA PAVITY 0 PARTOGRAM AGE 20 DATE --/01/0- PELVIS DURATION OF LABOUR EFW 3kg **LOW RISK**  
 RISK FACTORS DURATION OF ROM DVA 2.475 DVB **HIGH RISK**

FETAL CONDITION	NORMAL RANGE	TIME		
		09:00	13:00	15:00
BASELINE	100-140	✓	✓	✓
VARIABILITY	GOOD			
	POOR			
	INTERMEDIATE			
DECCELERATIONS	None			
	LATE			
	Variable			
	Minimal			
	None			
FLUIDS	0-150	C	C	C
MOULDING	FP			
CEPHAL	FP			



09:00 10:00 11:00 12:00 13:00 13:00 14:00 15:00

NAME AND SIGNATURE OF PERSON EXAMINING

MATERIAL CONDITION	CONTRACTION	TIME		
		09:00	13:00	15:00
CONTRACTION	10-15 min			
	15-20 min			
	20-30 min			
	30-40 min			
	40-50 min			
DRUGS AND INTRAVENOUS FLUIDS				
Pulse	B.P. AND PULSE	Temp	37	37
		Pulse	66	67
B.P.	B.P. AND PULSE	BP 1	100/60	100/60
		BP 2	100/60	100/60
URINE	B.P. AND PULSE	Urea		
		Cr		
		Temp	37	37
		Pulse	66	67

MANAGEMENT	ASSESSMENT TIME			
	PROBLEMS IDENTIFIED			
	PLAN			

# Further progress @ 15:00

FHR 146/min

Liquor clear

Cx 8cm dilated

HAB 2/5

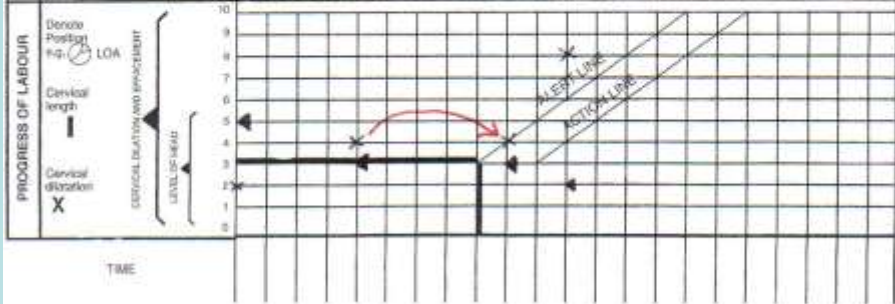
Contractions 3/10 min lasting 50 seconds

Bp 120/70 mmHg, Pulse 85/min, 100 ml  
urine

Enter onto partogram

NAME KA PAVITY 0 PARTOGRAM AGE 20 DATE --/01/0- PELVIS 3kg EPW 3.4kg LOA  
 RISK FACTORS \_\_\_\_\_ DURATION OF LABOUR \_\_\_\_\_ CVA 2.4kg LOA  
 DURATION OF ROM \_\_\_\_\_ CVA \_\_\_\_\_ LOA

FETAL CONDITION	BASELINE	0-100% <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	VARIABILITY	GOOD <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DECELERATIONS	LATE <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	COLIC	NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MOLDING	NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAPIT	NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



NAME AND SIGNATURE OF PERSON EXAMINING \_\_\_\_\_

MATERIAL CONDITION	CONTRACTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DRUGS AND INTRAVENOUS FLUIDS				
	Pulse + BP	120/80	120/80	120/80	120/80
	U/PINE	0	0	0	0

MANAGEMENT	ASSESSMENT TIME			
	PROBLEMS IDENTIFIED			
	PLAN			

# Interpretation and action?

Comment on progress

Making good progress because staying to the left of the alert line, mother in good condition and baby has clear liquor and no caput or moulding

Of slight concern is the fact that the patient is primigravid and still has 2/5 above brim

Reassess in 2hrs – should be fully dilated

# Partogram – Case 2

Enter the following information  
onto your partogram.

Julia is a 19 year old primigravida  
at term who has been  
experiencing contractions for 2  
hours

# Plot the following

TIME	Cx cm	Contrct	FHR	LIQUOR	HAB	MOULD	CAPUT
06:00	5	3/10 40s	140	INTACT	4/5	0	0
10:00	5	3/10 45s	146	CLEAR	3/5	0	0
14:00	6	2/10 25s	140	CLEAR	3/5	0	+
16:00	6	2/10 20s	144	CLEAR	3/5	0	+

**PARTOGRAM**

NAME DG PARITY 0 AGE 19 DATE -14-16- PELVIS  DURATION OF LABOUR 3h  **LOW RISK**  
 RISK FACTORS  DURATION OF ROM 2h  **HIGH RISK**

FETAL CONDITION	BASELINE	REGULAR	<input checked="" type="checkbox"/>	IRREGULAR	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
	VARIABLES	PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
		PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
		PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
	CHANGES	PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
		PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
		PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
		PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
	LIQUOR	PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
	NO. DRUGS	PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>
CAUSE	PROG	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NO	<input checked="" type="checkbox"/>	



NAME AND SIGNATURE OF PERSON EXAMINING

MATERIAL CONDITION	CONTRACTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DRUGS AND INTRAVENOUS FLUIDS				
MATERIAL CONDITION	PULSE				
	BP				
MATERIAL CONDITION	URINE				

MANAGEMENT	ASSESSMENT TIME				
	PROBLEMS IDENTIFIED				
	PLAN				

# Interpretation & action?

Comment on partogram

What action should be taken?

Why?

Follow up?

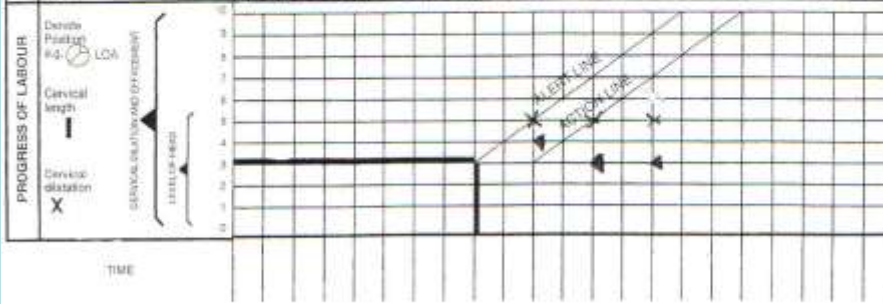


If Julia had been examined 2 hourly  
her chart would have looked like  
the next slide and the same  
diagnosis and intervention made  
6 hours earlier

# PARTOGRAM

NAME \_\_\_\_\_ PARITY \_\_\_\_\_ AGE \_\_\_\_\_ DATE \_\_\_\_\_ PELA'S DURATION OF LABOUR \_\_\_\_\_ EPV \_\_\_\_\_  
 RISK FACTORS \_\_\_\_\_ DURATION OF LABOUR \_\_\_\_\_ D/A \_\_\_\_\_ HIGH RISK \_\_\_\_\_  
 DURATION OF ROM \_\_\_\_\_ D/A \_\_\_\_\_ HIGH RISK \_\_\_\_\_

FETAL CONDITION	FETAL CONDITION	TIME			
		0500	0600	0800	1000
BRILLIANT	NOBLE				
VERMILION	NOBLE				
TRICKLE	NOBLE				
COLOUR	NOBLE				
MOULDING	NOBLE				
CAPUT	NOBLE				



0500  
0600  
0800  
0900  
1000  
1100  
1200

NAME AND SIGNATURE OF PERSON EXAMINING \_\_\_\_\_

MATERIAL CONDITION	CONTRACTION	TIME			
		0500	0600	0800	1000
DRUGS AND INTRAVENOUS FLUIDS					
PULSE					
BP					
URINE					

MANAGEMENT	ASSESSMENT TIME			
	0500	0600	0800	1000
PROBLEMS IDENTIFIED				
PLAN				

# Case 3

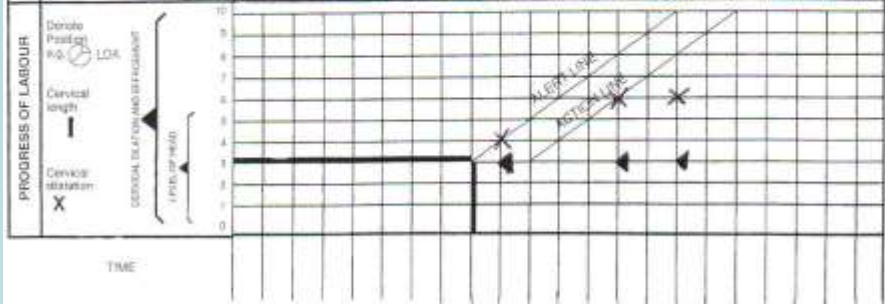
Helen is G4P3 and has been in  
labour at home for 6 hrs  
Maternal vital signs remain  
normal

Enter the following information onto  
your partogram

<b>TIME</b>	<b>Cx</b>	<b>Contract</b>	<b>FHR</b>	<b>Liquor</b>	<b>HAB</b>	<b>M</b>	<b>C</b>
10:00	4	3/10 35s	150	Clear	3/5	+	+
14:00	6	4/10 40s	156	Blood stained	3/5	++	++
16:00	6	4/10 45s	164	Meconium	3/5	+++	+++

NAME: H PARITY: 3 AGE: 30 DATE: 10/10/10 HELMS:  FPA: 3.6   
 RISK FACTORS: \_\_\_\_\_ DURATION OF LABOUR: \_\_\_\_\_ DUA: 6   
 \_\_\_\_\_ DURATION OF PROM: \_\_\_\_\_ DOA: \_\_\_\_\_ HIGH RISK: \_\_\_\_\_

FETAL CONDITION	HEALTHY				
	VERTEBRAL				
	SOCC. CHANGES				
	QUALITY				
	POSITIONING				
	DEPTH				



NAME AND SIGNATURE OF PERSON EXAMINING

MATERNAL CONDITION	CONTRACTION					
	DRUGS AND INTRAVENOUS FLUIDS					
	B.P. AND PULSE					
	URINE					

ASSESSMENT TIME			
PROBLEMS IDENTIFIED			
PLAN			

# Interpretation & action?

Are there any problems?

CPD – why?

No cx dilation, no descent, good  
contractions, moulding 3+

Fetal distress – why?

Tachycardia, 3+ moulding, (meconium)

Treatment?

Intra-uterine resus & C/S (+?BTL)

What abnormalities can we diagnose on the partogram?

# Failure to progress

## 1. Poor uterine action

- No Cx dilation or descent BUT healthy mother & baby – weak contractions

## 2. CPD

- As above but with unhealthy baby  $\pm$  ill mother – strong contractions or 2<sup>o</sup> arrest

## 3. Incorrectly charted

- Not transferred to the alert line
- Latent phase entered on active side



# Fetal distress

Tachycardia

Late +/- or abnormal decelerations

Loss of variability

3+ moulding

Meconium

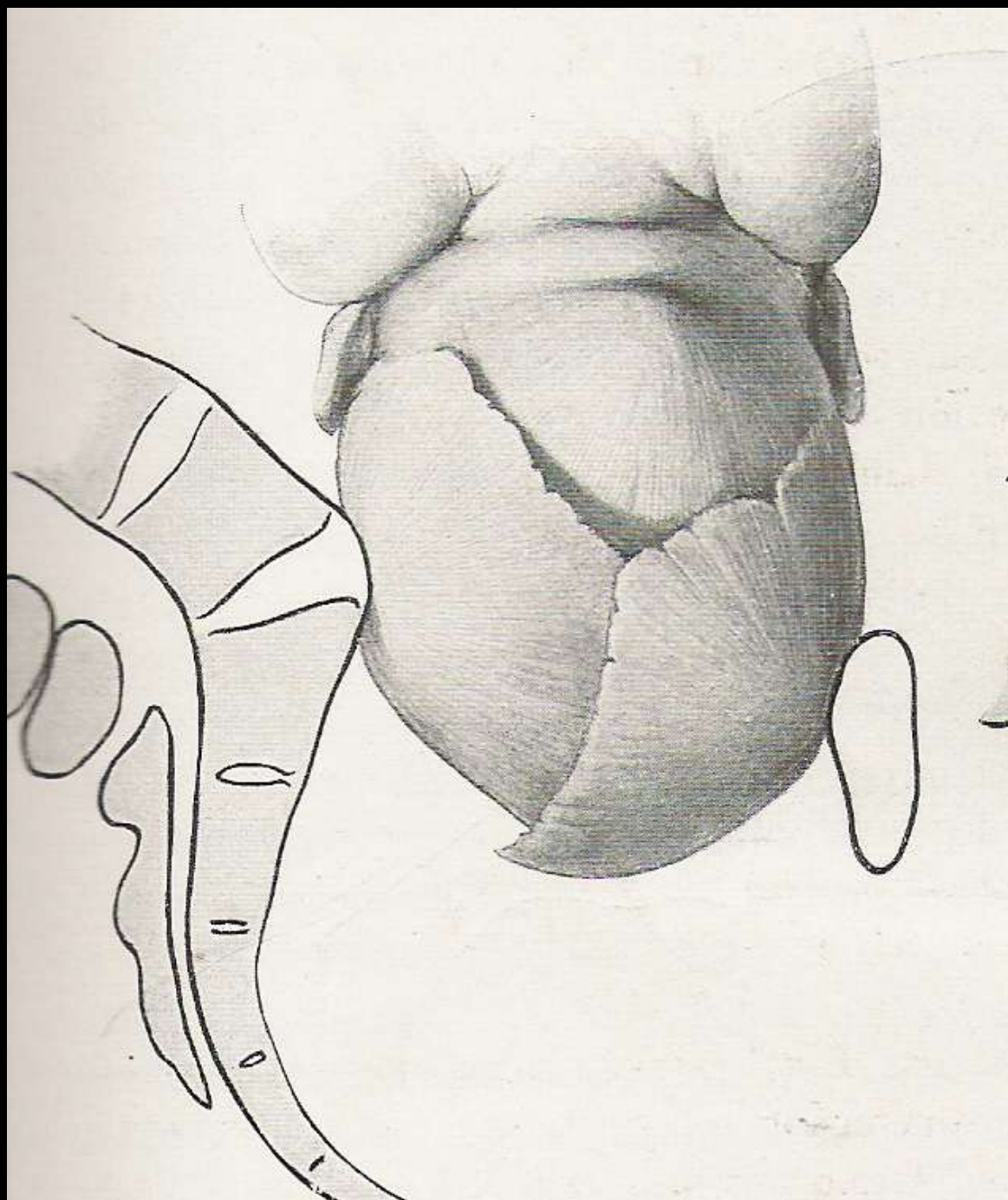
# Maternal distress

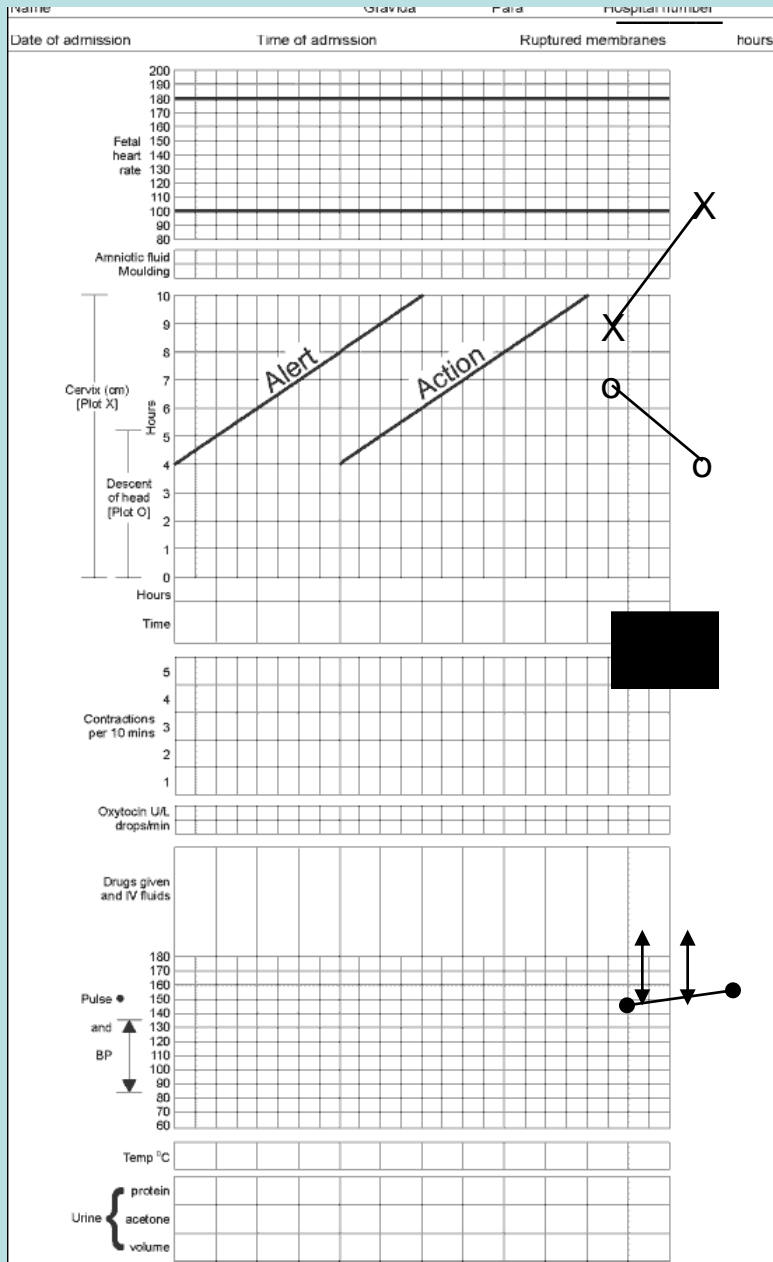
Tachycardia

Decreased urine output

↑ ketonuria

Pyrexia





### PARTOGRAM

**NAME:** \_\_\_\_\_ **RISK FACTORS:** \_\_\_\_\_ **PARITY:** \_\_\_\_\_ **AGE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **PELVIS:** \_\_\_\_\_ **CPW:** \_\_\_\_\_ **LOW RISK** (checkbox)

**DURATION OF LABOUR:** \_\_\_\_\_ **DURATION OF ROM:** \_\_\_\_\_ **CMV:** \_\_\_\_\_ **CMV:** \_\_\_\_\_ **NO. OF LIVERIES:** \_\_\_\_\_

FETAL CONDITION	PROGRESS OF LABOUR	TIME
<b>BASELINE</b> (BPM, CT, CTBT, GUST) <b>VARIABLES</b> (PROM, PROCA, HYPERASTENTIC, EMPLY, CATE, UNUSABLE, DIMPLE) <b>EDUCOR</b> <b>MOULDING</b> (S/P, Bar) <b>EXIT</b>	<b>Densite Position</b> (R/L, LCA) <b>Cervical length</b> <b>Cervical dilatation</b> (X) <b>Cervical dilatation</b> (cm) vs <b>Level of cervix</b> (cm)	<div style="text-align: center;"> <p>10</p> <p>9</p> <p>8</p> <p>7</p> <p>6</p> <p>5</p> <p>4</p> <p>3</p> <p>2</p> <p>1</p> <p>0</p> </div> <p style="text-align: center;">TIME</p>
<b>NAME AND SIGNATURE OF PERSON EXAMINING:</b> _____		
<b>CONTRACTION</b> (I, II, III, IV, V)		
<b>DRUGS AND INTRAVENOUS FLUIDS</b>		
<b>MATERIAL CONDITION</b> (Pulse, SP, URINE, B.P., AND PULSE)		
<b>ASSESSMENT TIME</b>		
<b>PROBLEMS IDENTIFIED</b>		
<b>PLAN</b>		

Any questions?