

AMBULATORY BLOOD PRESSURE "DIASYS INTEGRA"

PATIENT

Surname :	DEMO		
First name :	Integra	Age :	46 years old
Date of birth :	01/01/1950	Weight :	65 kg
Sex :	M	Height :	195 cm
Reference :			

PROCEDURE REPORT

Date of report 26/05/2006

Referring physician :		Phone :	
Interpreting physician :		Recorder n° :	DIN00123456
Start of procedure :	11/01/1996 16:33:00 PM	(with ECG/position cable)	
Data transmission date :	12/01/1996 18:12:37 PM	Getting up time :	7:00
Recording length :	24:01	Bedtime :	23:00
Stethoscopic measurement :		Valid measurements :	65/83 (78%)
Indications :			
Treatments :			
Intervals of measurement validity			
50 < Systole	10 < Pulse pressure < 150 if Systole <= 120	35 < Heart rate < 250	
30 < Diastole < 150	16 < Pulse pressure < 150 if Systole > 120	100 < QKd < 300	
Theoretical QKd(100-60) :	233 ms	Observed QKd(100-60) :	231 ms (99.14%)

	Daytime and night-time (65)						☒ (49)						☒ (16)					
	Sys.	Dia.	Mean	PlsPr.	HR	QKd	Sys.	Dia.	Mean	PlsPr.	HR	QKd	Sys.	Dia.	Mean	PlsPr.	HR	QKd
min.	69	51	57	13	46	182	91	61	78	14	57	182	69	51	57	13	46	192
max.	131	87	108	56	97	282	131	87	108	56	97	272	109	68	87	47	77	282
mean	103	71	82	33	70	228	109	74	86	35	74	227	85	60	69	26	55	230
median	106	72	83	33	71	227	108	75	86	36	73	227	84	61	68	24	52	230
dev.	14	8	10	11	13	21	9	6	6	10	10	21	12	4	8	9	9	21
threshold	135/120 85/75			30	90	180	135	85		30	90	180	120	75		30	90	180
%>	0	2		60	5	100	0	2		69	6	100	0	0		31	0	100

CONCLUSIONS

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Signature of physician

Measurements :
- Correct

Table of measurements

Time	Sys.	Dia.	Mean	PlsPr.	HR	QKd	Status	Errors	Comments
16:34	109	71	84	38	92	225	K+		Manual measurement - Test measurement
16:50	112	69	83	43	80	240	K+		
17:05	99	74	82	25	76	230	K+		
17:35	103	83	90	20	70	252	K+		
17:50	120	77	91	43	71	212	K+		
18:05	114	76	89	38	72	217	K+		
18:20	110	75	87	35	80	222	K+		
18:50	124	80	95	44	94	190	K+		
19:05	124	79	94	45	67	215	K+		
19:20	121	80	94	41	67	207	K+		
19:37	131	87	108	44	89	0	O		
20:05	104	80	88	24	71	242	K+		
20:20	99	81	87	18	85	272	K+		
20:35	105	82	90	23	59	245	K+		
20:50	91	73	79	18	58	245	K+		
21:20	111	74	86	37	60	227	K+		
21:35	121	75	90	46	77	220	K+		
21:50	113	65	81	48	73	195	K+		
22:05	117	61	80	56	87	202	K+		
22:20	118	71	87	47	82	197	K+		
22:37	128	74	93	54	86	0	O		
22:50	103	65	78	38	93	205	K+		
23:35	109	68	82	41	77	202	K+		
0:05	95	63	74	32	71	192	K+		
0:35	89	61	70	28	61	210	K+		
1:05	81	59	66	22	65	217	K+		
1:37	108	61	87	47	65	0	O		
2:05	85	61	69	24	55	245	K+		
2:35	74	55	61	19	49	230	K+		
3:05	88	58	68	30	53	227	K+		
3:35	71	56	61	15	51	245	K+		
4:35	69	51	57	18	52	282	K+		
5:05	81	62	68	19	48	237	K+		
5:35	69	56	60	13	50	237	K+		
6:05	86	62	70	24	46	225	K+		
6:35	81	58	66	23	46	237	K+		
7:05	84	63	70	21	48	0	K		
7:35	93	61	72	32	47	230	K+		
8:20	107	74	85	33	72	262	K+		
8:35	106	69	81	37	70	250	K+		
9:05	125	79	94	46	78	0	K		
9:20	95	81	86	14	77	257	K+		
9:35	106	80	89	26	83	220	K+		
10:05	100	80	87	20	87	242	K+		
10:20	106	82	90	24	69	267	K+		
10:35	110	75	87	35	64	250	K+		
10:50	105	77	86	28	63	245	K+		
11:05	103	73	83	30	57	232	K+		
11:35	111	77	88	34	57	227	K+		
11:50	116	82	93	34	66	235	K+		
12:05	103	78	86	25	67	245	K+		
12:20	106	71	83	35	68	245	K+		
12:35	102	66	78	36	71	255	K+		
13:05	98	75	83	23	67	225	K+		
13:23	106	76	86	30	73	235	K+		Manual measurement
13:35	113	72	86	41	77	217	K+		

Table of measurements (continued)

Time	Sys.	Dia.	Mean	PlsPr.	HR	QKd	Status	Errors	Comments
13:50	110	64	79	46	71	200	K+		
14:05	110	67	81	43	65	182	K+		
14:35	113	64	80	49	97	202	K+		
14:50	108	66	80	42	84	205	K+		
15:05	108	68	81	40	80	210	K+		
15:20	106	69	81	37	78	212	K+		
15:35	95	69	78	26	77	225	K+		CCCC
16:05	104	67	79	37	81	230	K+		
16:20	114	81	92	33	80	227	K+		
16:34	102	73	83	29	69	217	K+	End of recording	

Number of measurements : 65/ 83

Table of hourly means

Time	Number	Systole	Diastole	Mean	Pulse pressure	Heart rate	QKd
16	1	112	69	83	43	80	240
17	3	107	78	88	29	72	231
18	3	116	77	90	39	82	210
19	3	125	82	99	43	74	211
20	4	100	79	86	21	68	251
21	3	115	71	86	44	70	214
22	4	116	68	84	49	87	201
23	1	109	68	82	41	77	202
00	2	92	62	72	30	66	201
01	2	94	60	76	34	65	217
02	2	80	58	65	22	52	238
03	2	80	57	64	22	52	236
04	1	69	51	57	18	52	282
05	2	75	59	64	16	49	237
06	2	84	60	68	24	46	231
07	2	88	62	71	26	48	230
08	2	106	72	83	35	71	256
09	3	109	80	90	29	79	238
10	4	105	78	88	27	71	251
11	3	110	77	88	33	60	231
12	3	104	72	82	32	69	248
13	4	107	72	84	35	72	219
14	3	110	66	80	45	82	196
15	3	103	69	80	34	78	216
16	3	107	74	85	33	77	225

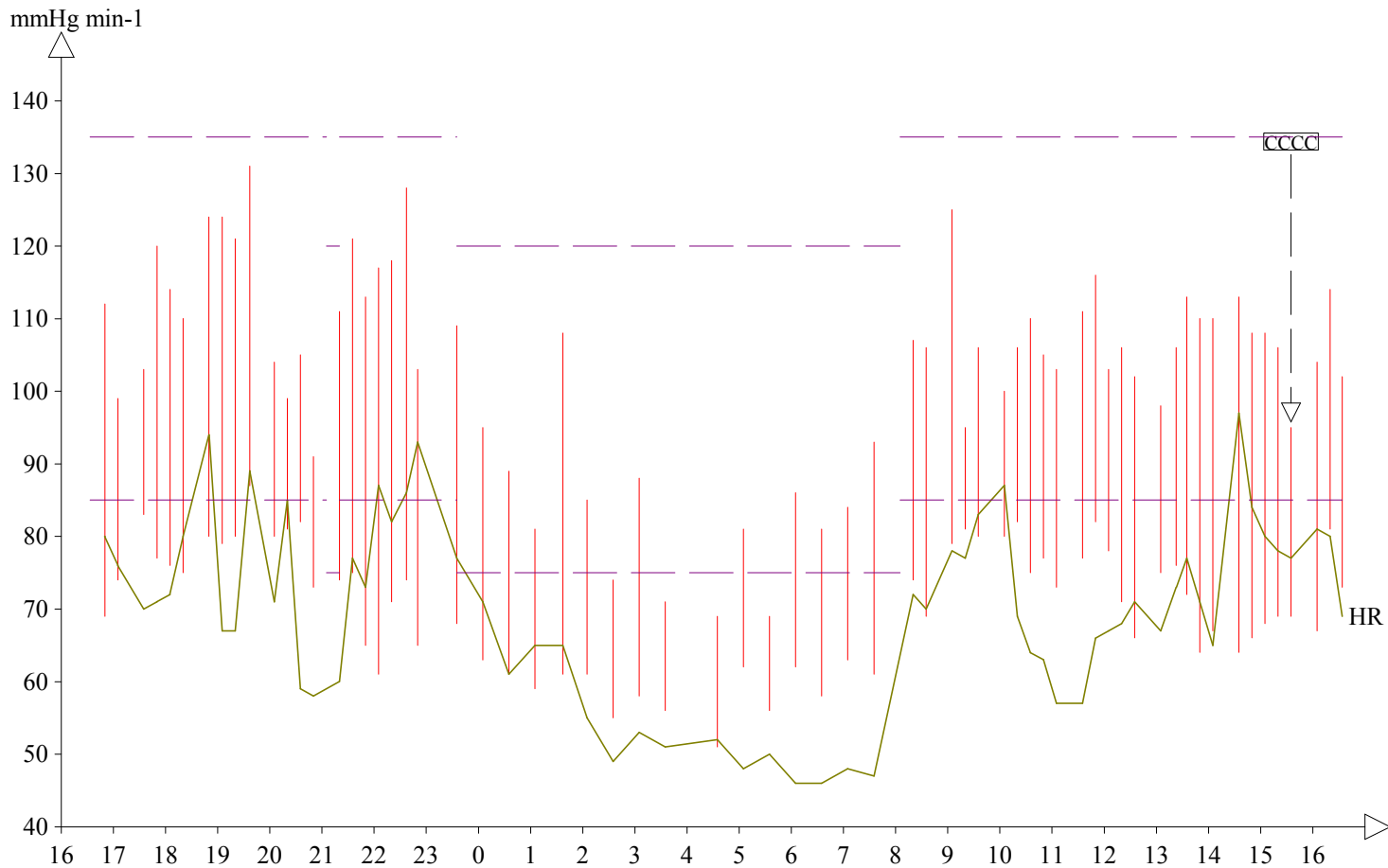
Number of measurements : 65

Number of hourly periods : 25

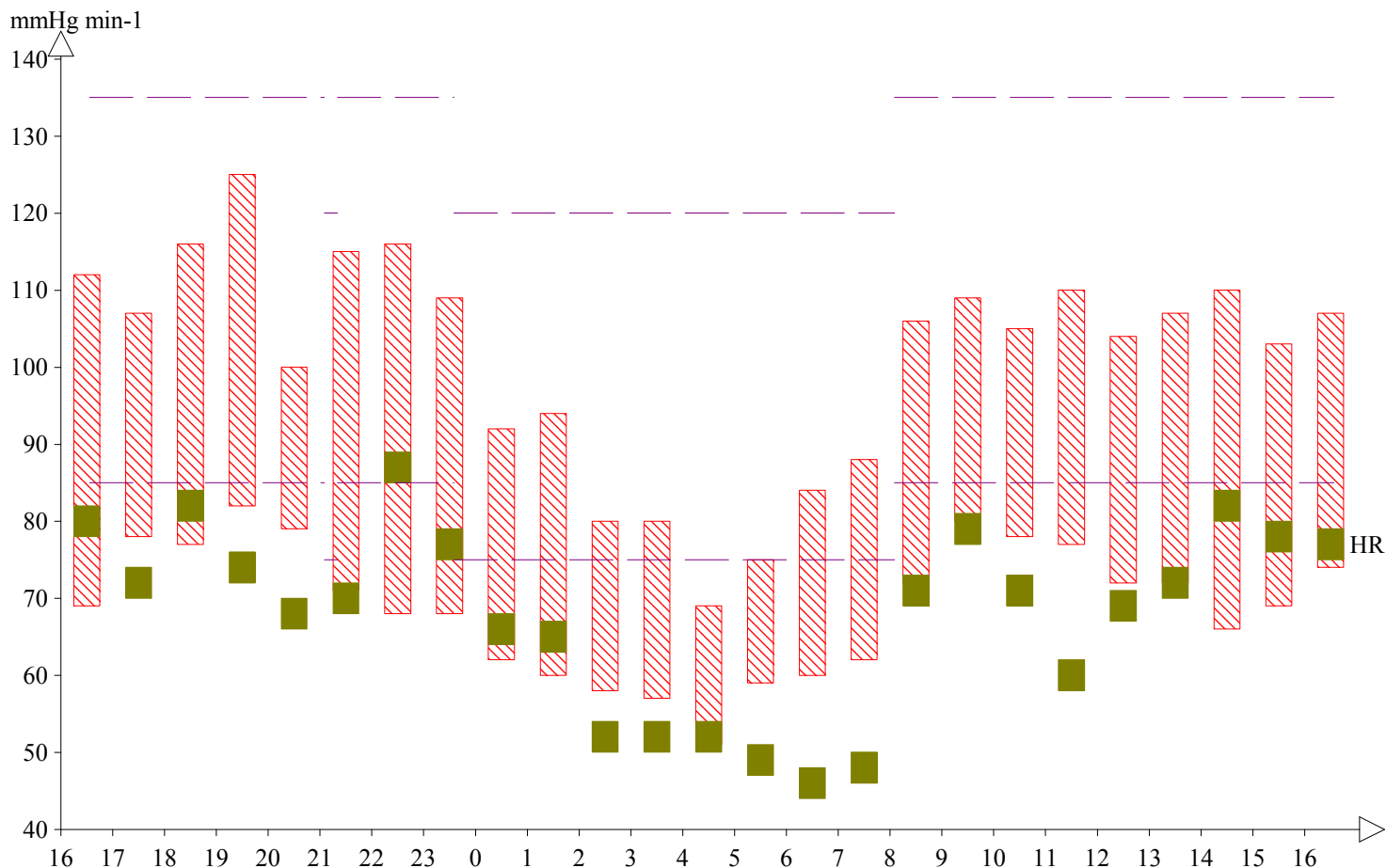
Circadian cycle : (standing up value - lying down value) / standing up value

Systole	22%
Diastole	20%
Mean	20%
Pulse pressure	27%
Heart rate	26%
QKd	-1%

Chronograms of measurements



Chronograms of hourly means

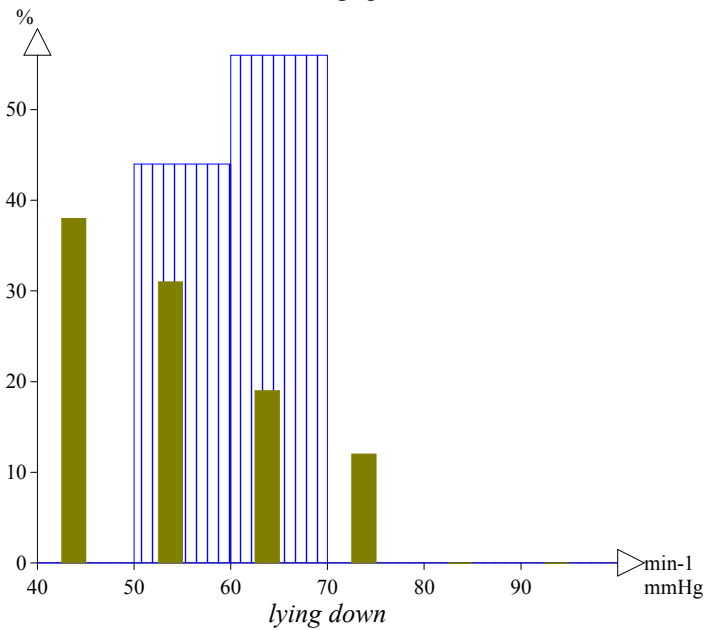
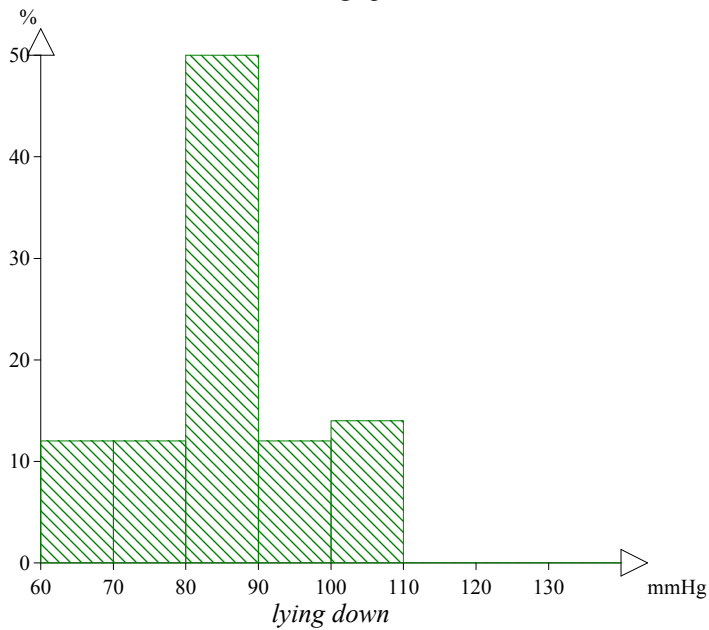
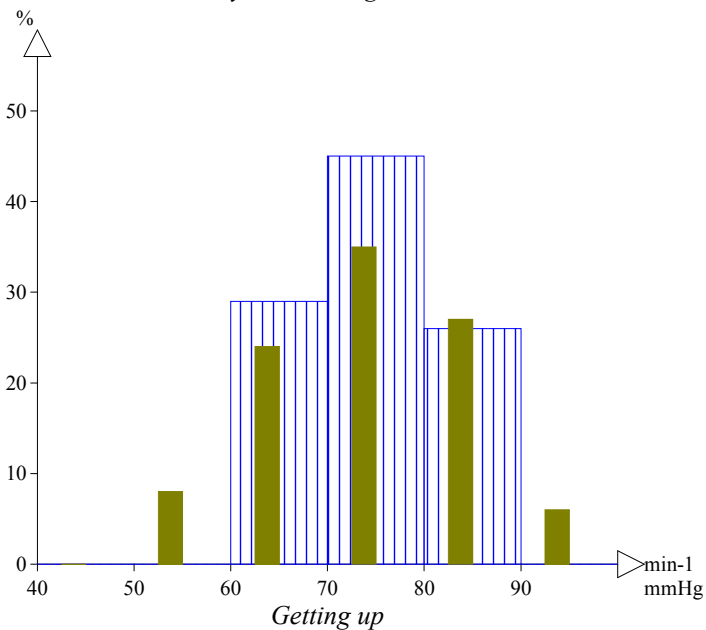
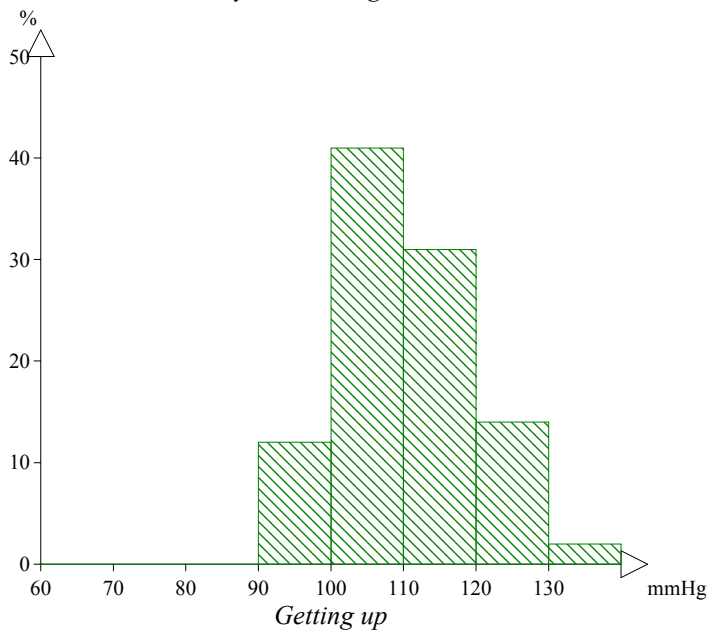
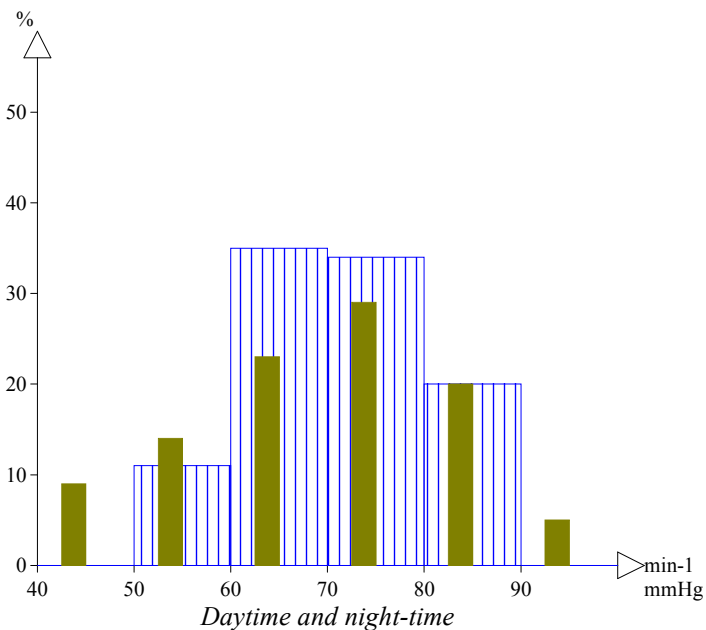
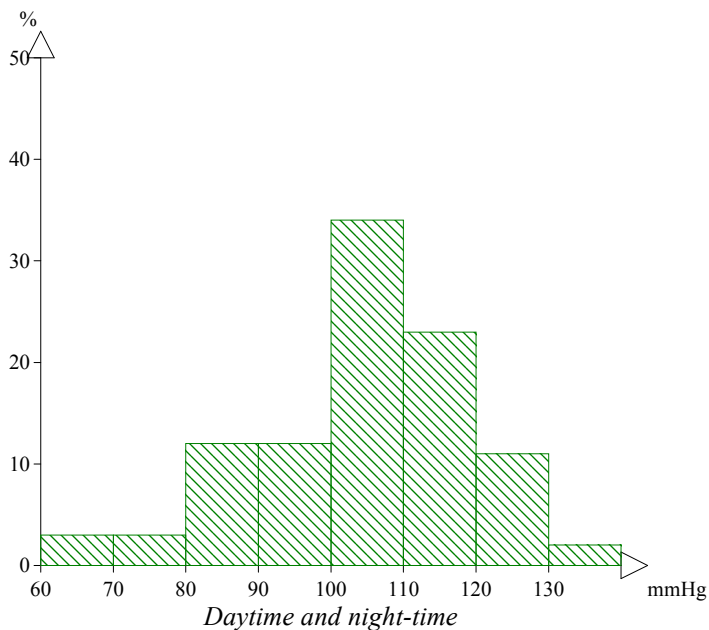


Histograms

 Systole

 Diastole

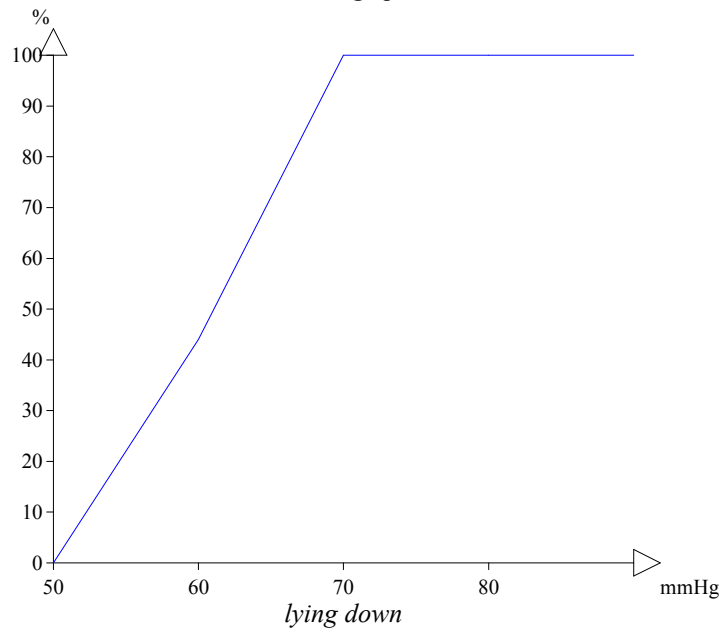
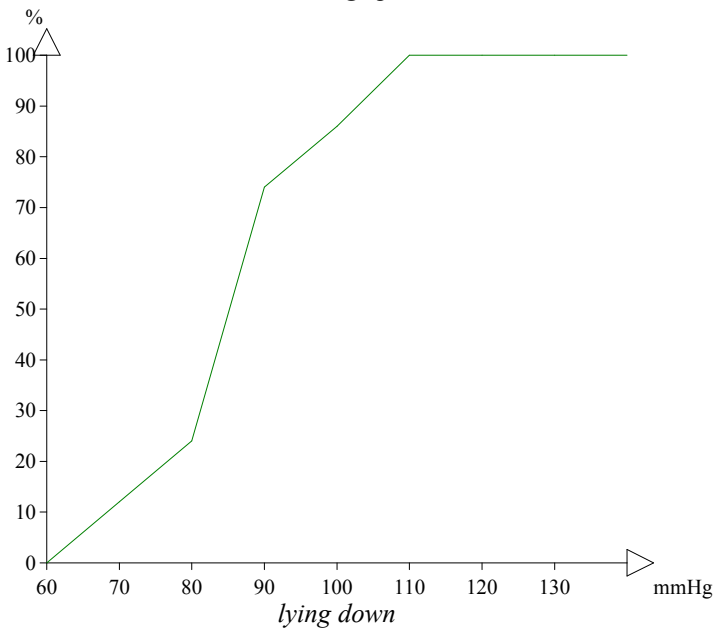
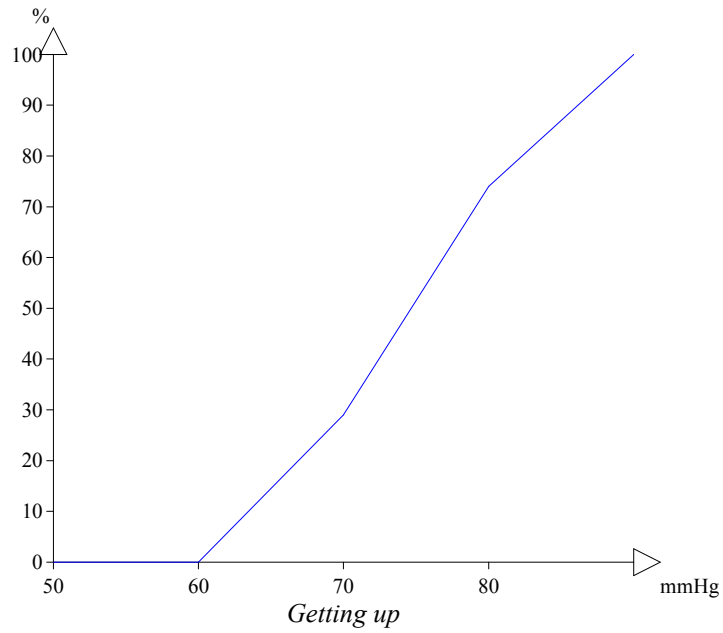
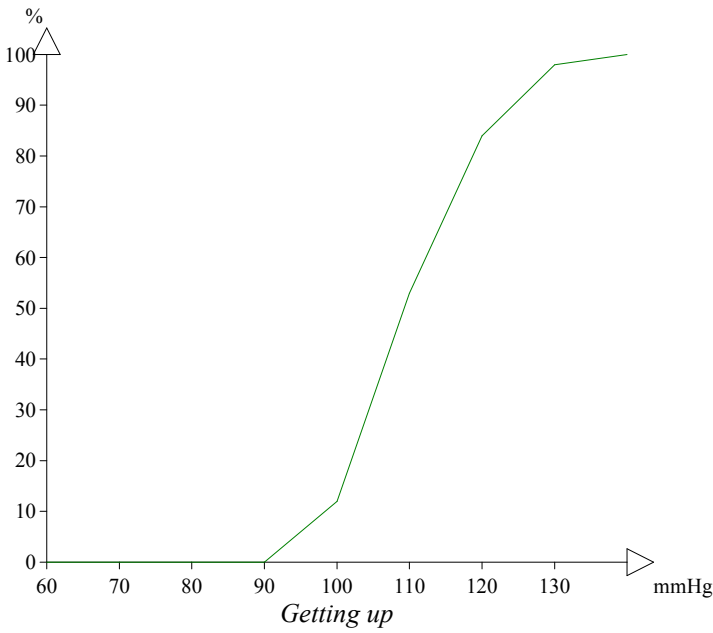
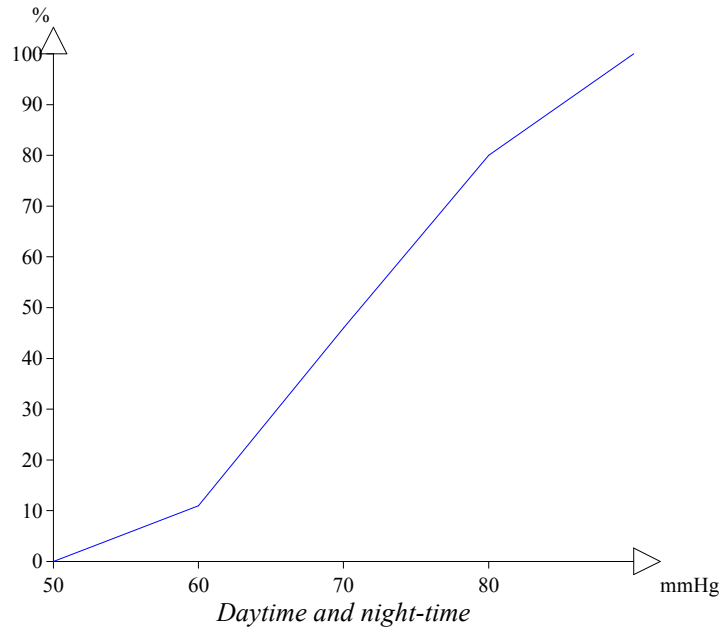
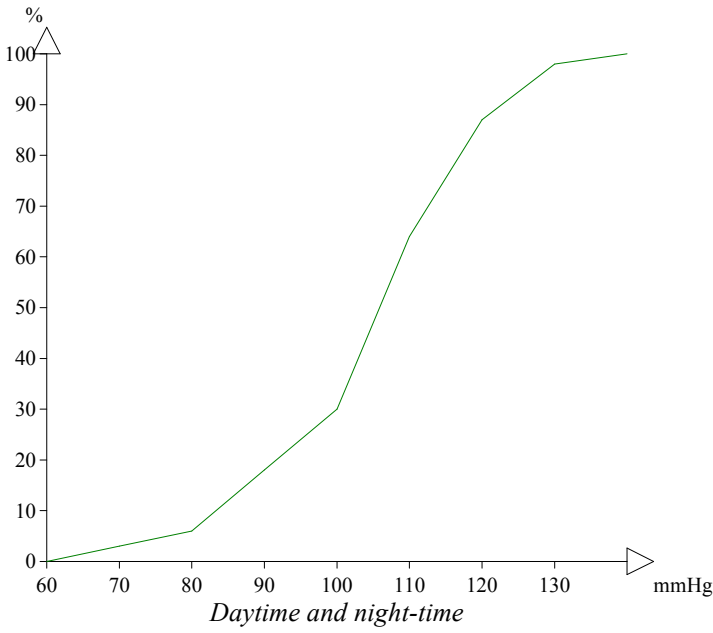
 Heart rate



Percentile histograms

— Systole

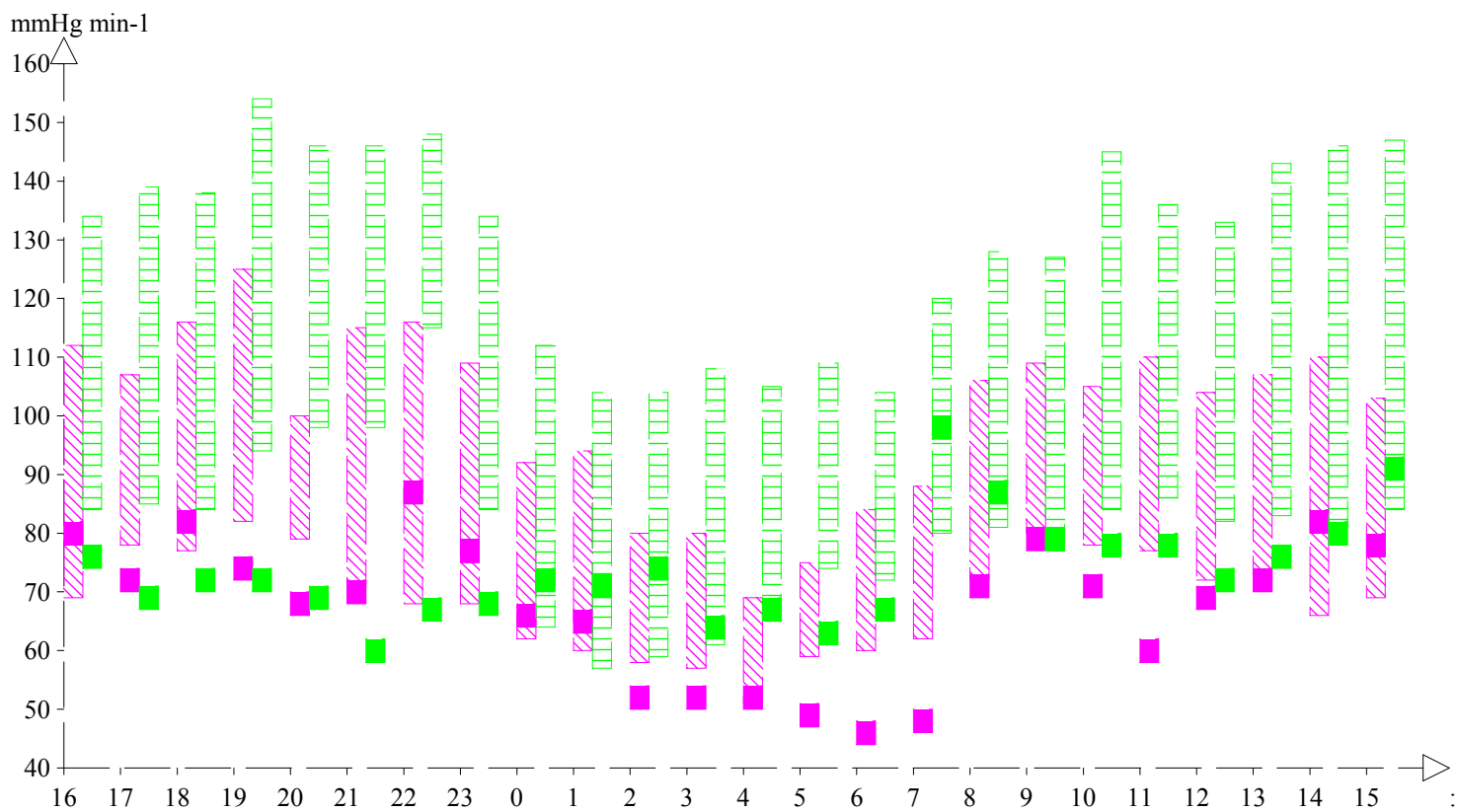
— Diastole



Comparisons

Number of compared procedures : 2

- ▨ 11/01/1996 16:33:00 PM, in phase with time scale.
- ▨ 01/02/1996 19:35:00 PM, in phase with time scale.



QKd analysis

Number of measurements : 65

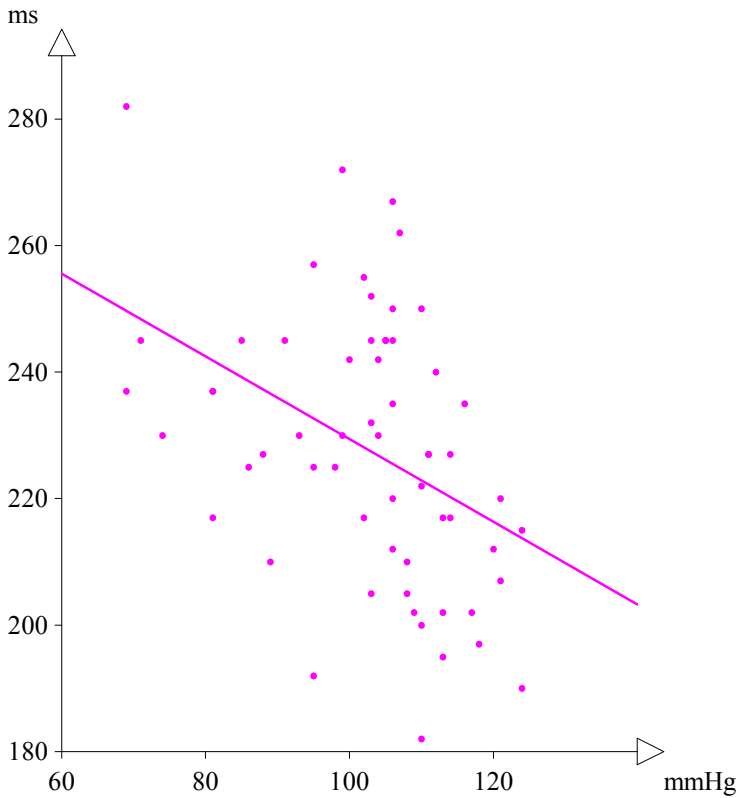
Theoretical QKd(100-60) : 233 ms

Number of procedures : 1

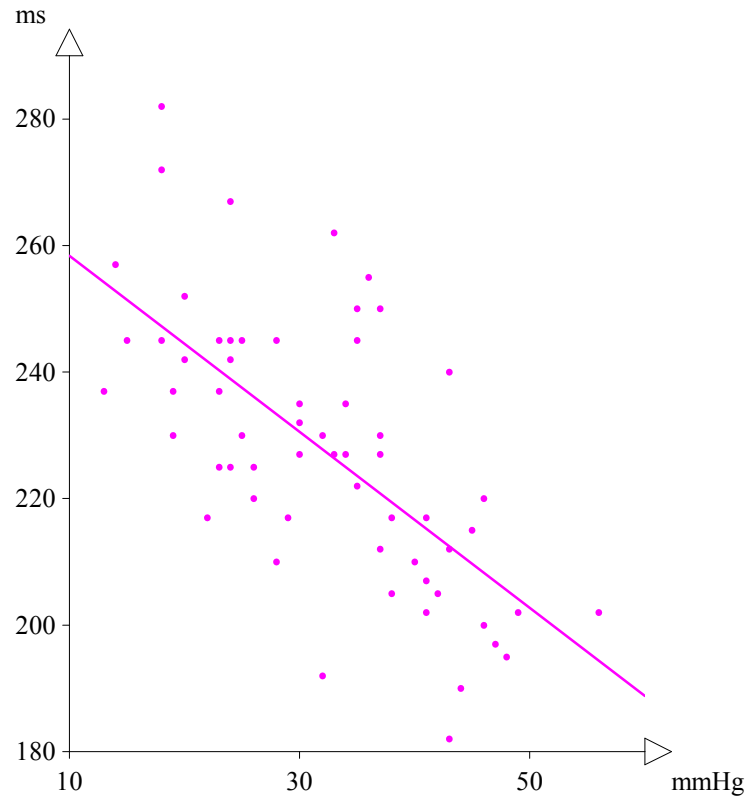
Observed QKd(100-60) : 231 ms (99.14%)

11/01/1996 16:33:00 PM

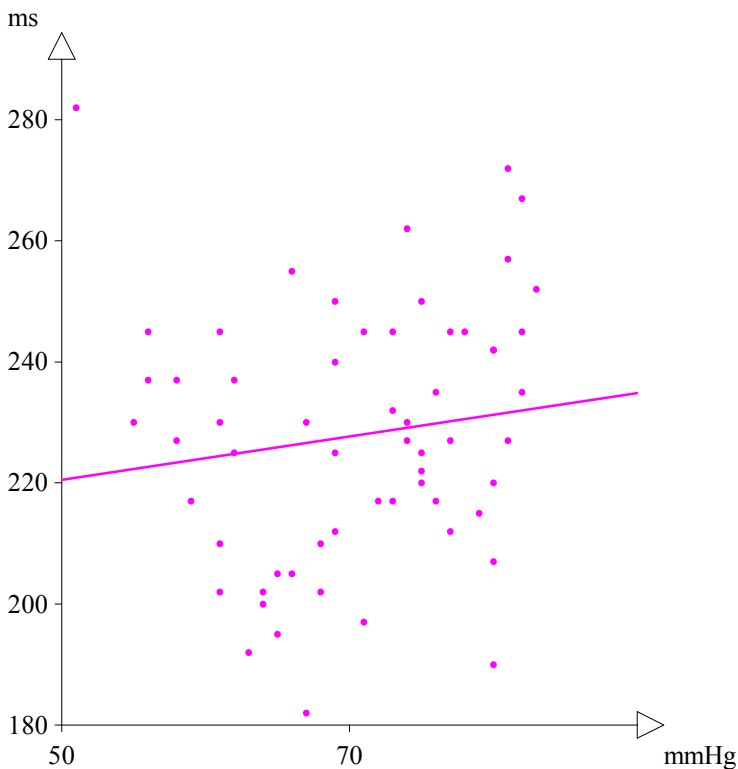
QKd = -0.653 Systole +295



QKd = -1.391 Pulse pressure +272



QKd = +0.358 Diastole +203



QKd = -0.578 Heart rate +268

