

From 31 Oct:

GEORGE

JUST FOR YOUR INTEREST I HAD AN AWFUL 26 HOUR ATTACK RECENTLY AND ENDED UP IN HOSPITAL. THERE ARE SO MANY DIFFERENT RHYTHMS HERE BUT I WOULD PARTICULARLY LIKE YOUR OPINION WHERE MY HEART RATE SEEMS SUSTAINED OVER 200. I WAS ASLEEP DO YOU THINK IT IS FREE OF ARTEFACTS?. IT LOOKS CLEAR OF THEM TO ME.

THANKS

MARK

A FIB THEN NSR

DIFFERENT AGAIN

GEORGE CAN YOU BELIEVE THIS

GEORGE FLUTTER 3.1 BLOCK

GEORGE IS THIS REAL

GEORGE IS THIS REAL 2

GEORGE THIS IS FLUTTER NOT NSR

GEORGE ZOOMED 3.1 BLOCK FLUTTER

IT JUST WENT ON AND ON

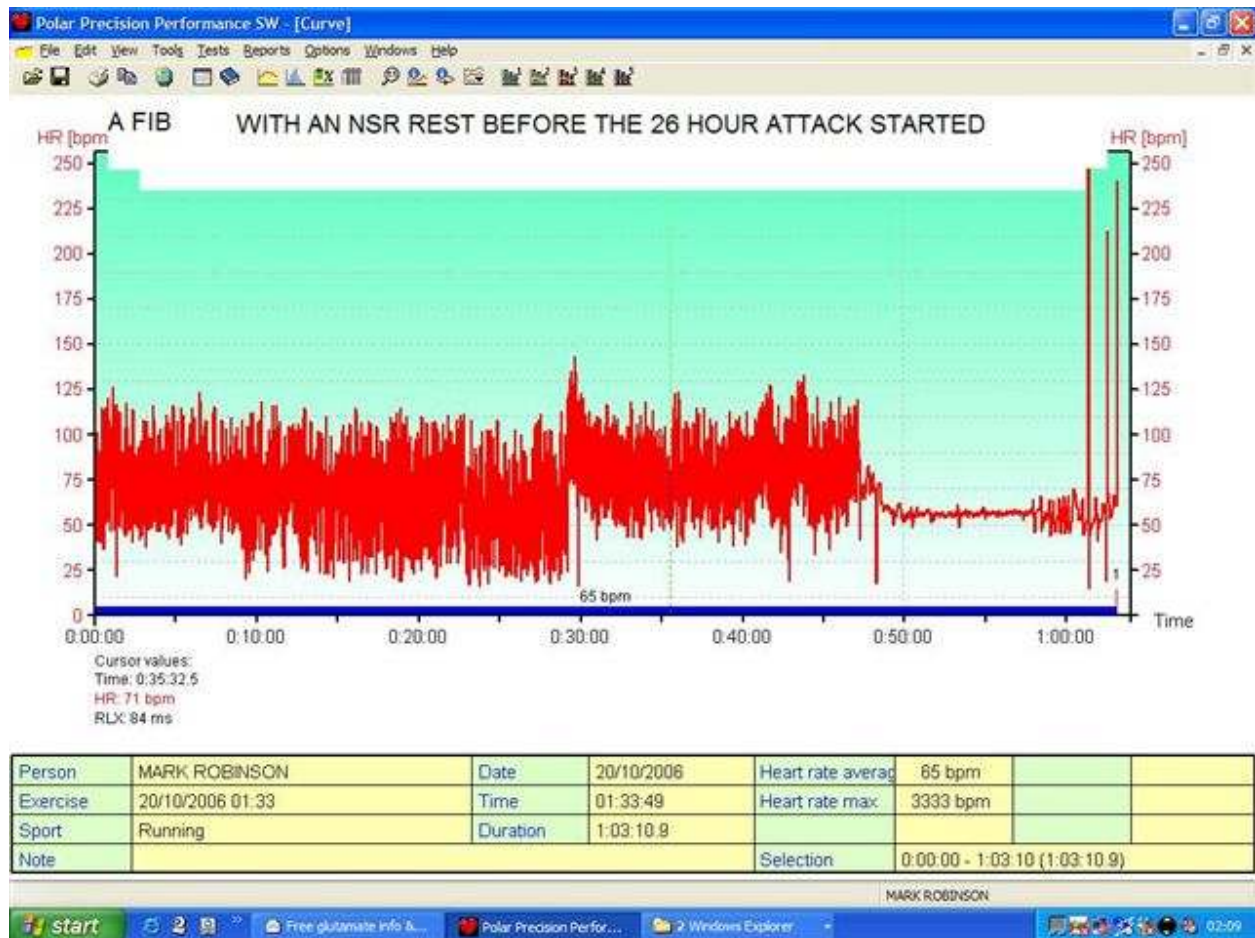
LOTS OF ACTIVITY

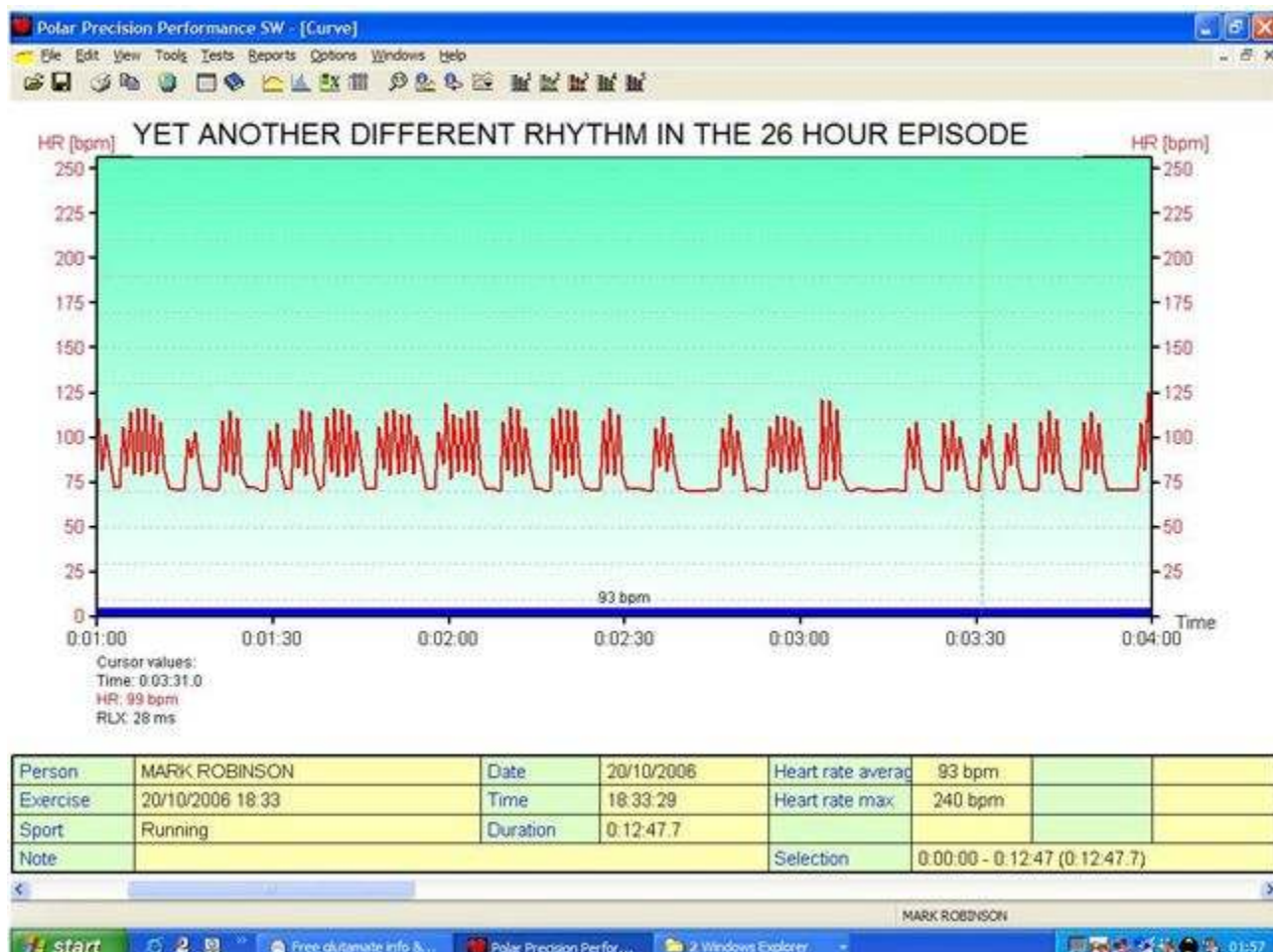
POLAR GRAPH TO GEORGE

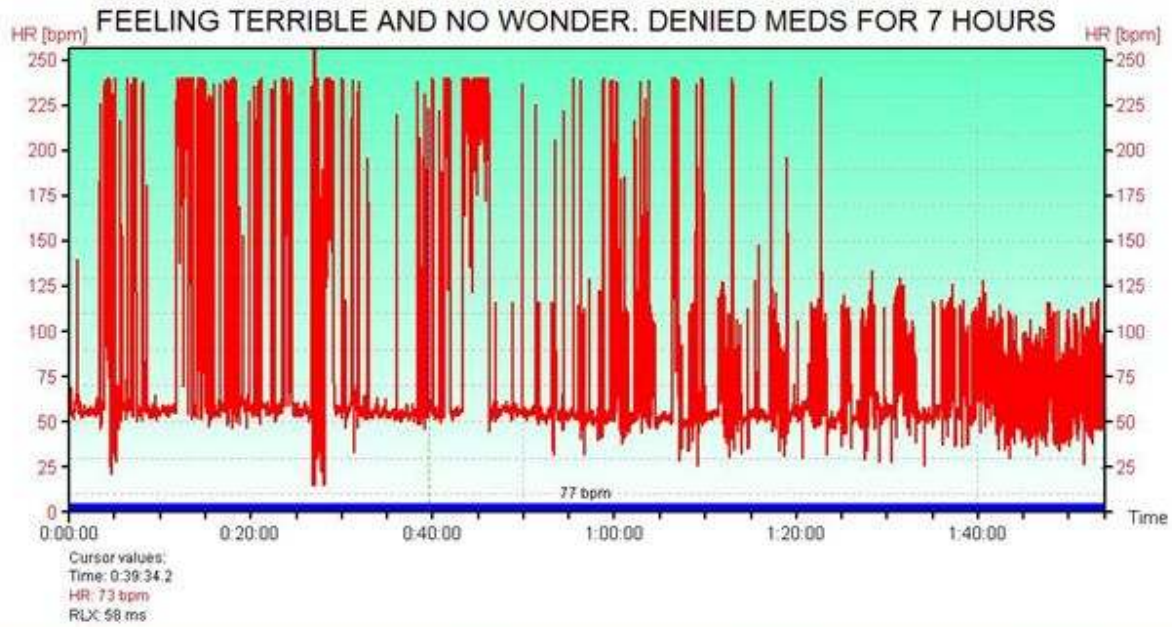
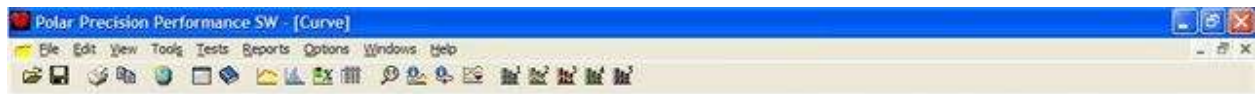
THE BEGINNING OF THE 26 HOUR SESSION

VARIOUS BLOCKS IN FLUTTER

YET ANOTHER DIFFERENT RHYTHM



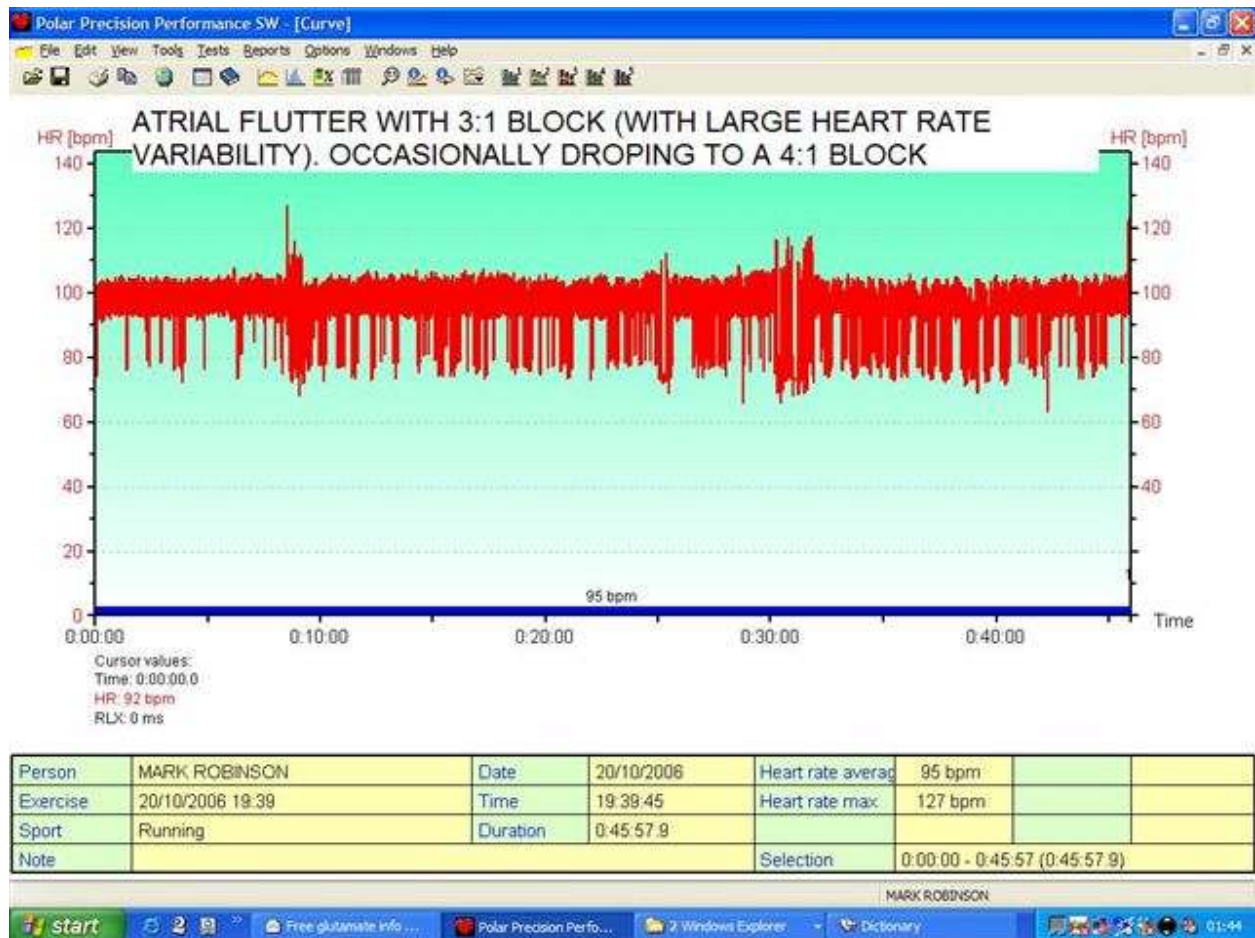


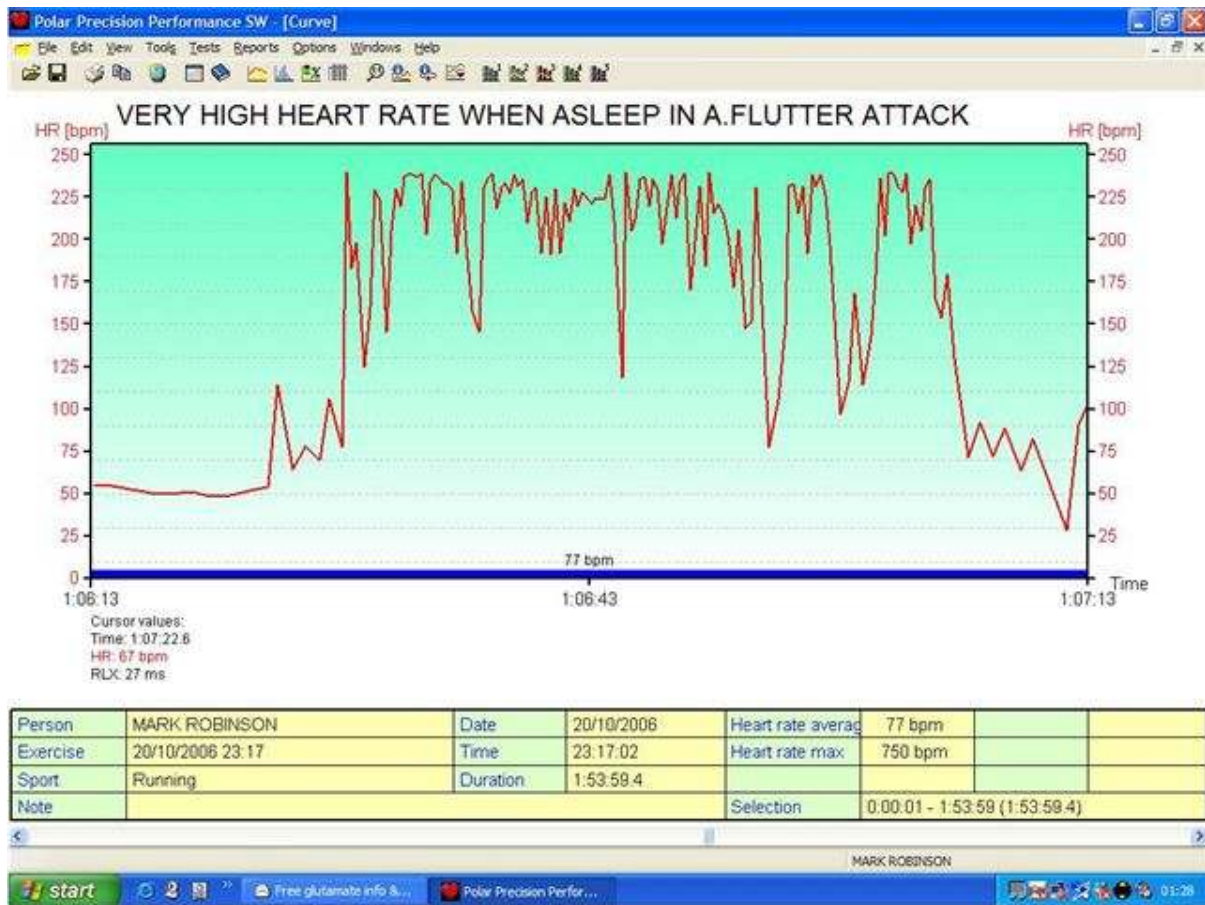


Person	MARK ROBINSON	Date	20/10/2006	Heart rate average	77 bpm		
Exercise	20/10/2006 23:17	Time	23:17:02	Heart rate max	750 bpm		
Sport	Running	Duration	1:53:59.4				
Note				Selection	0:00:01 - 1:53:59 (1:53:59.4)		

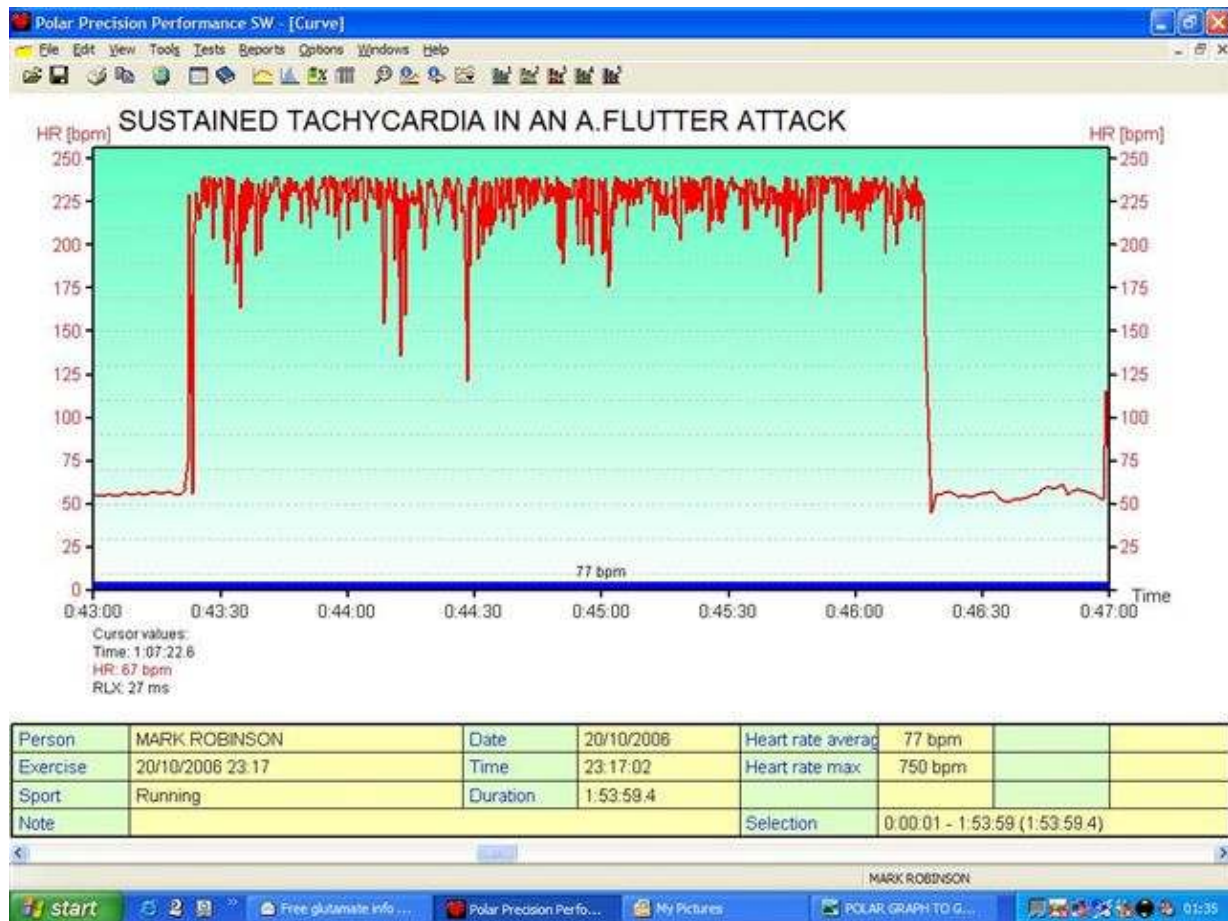
MARK ROBINSON



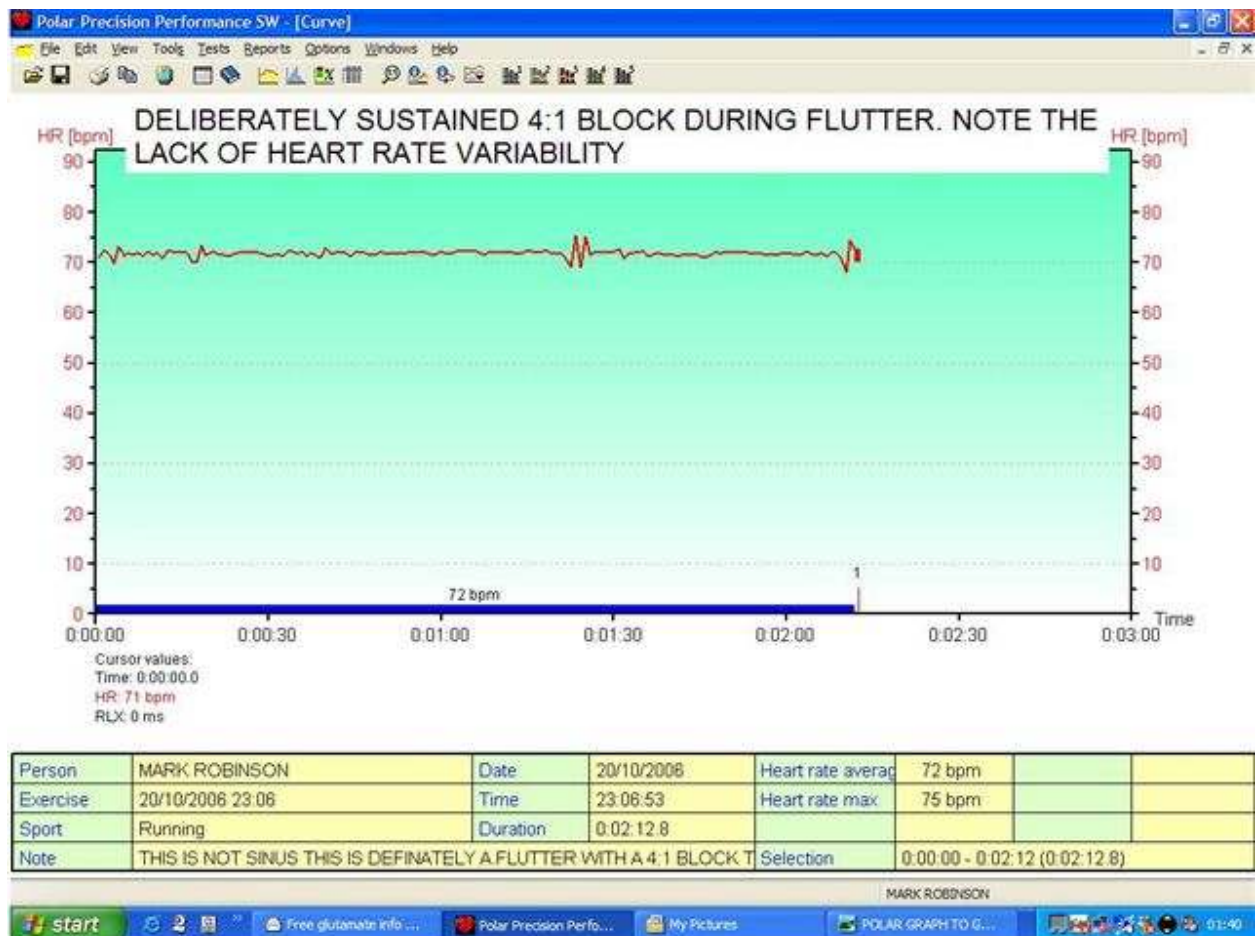


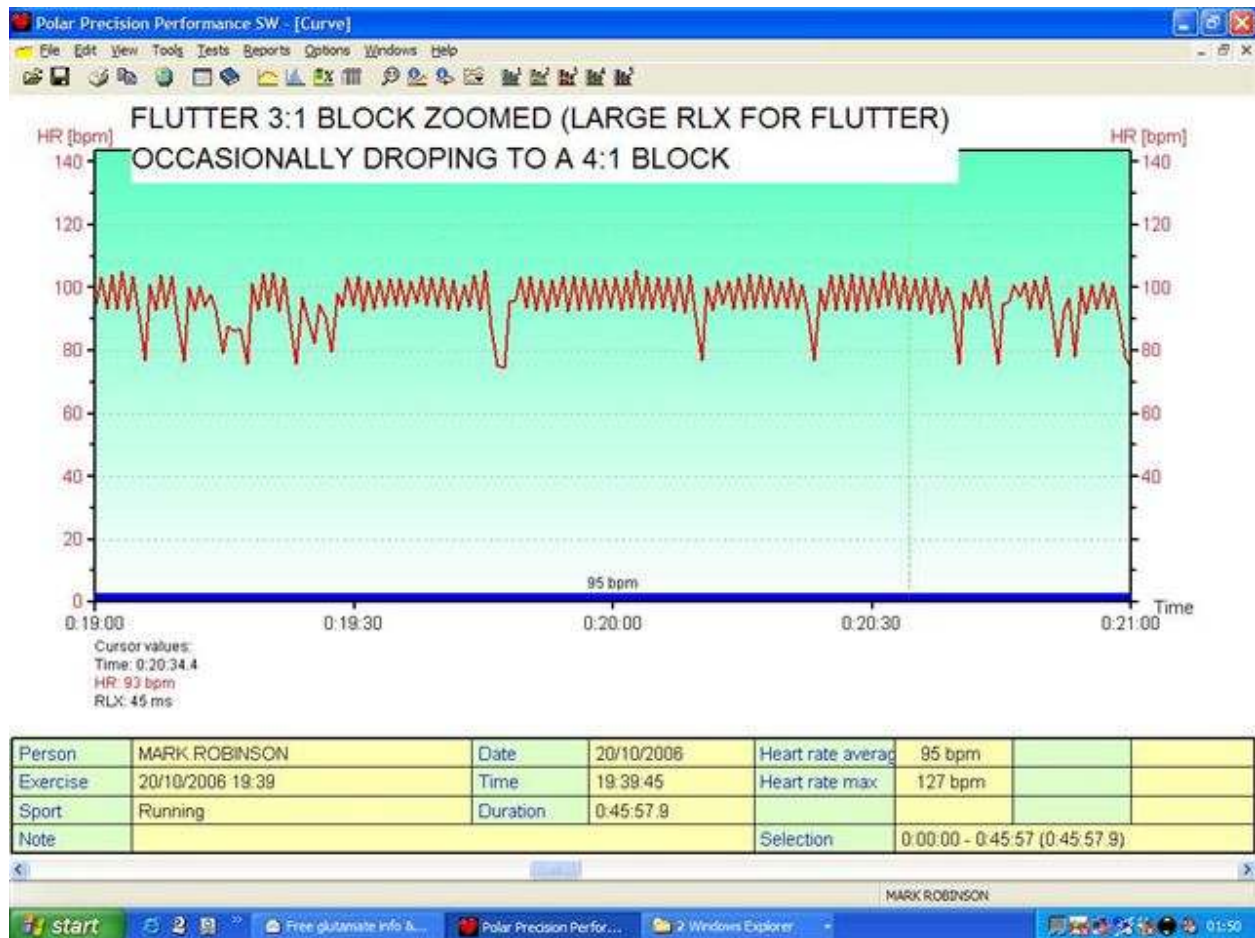


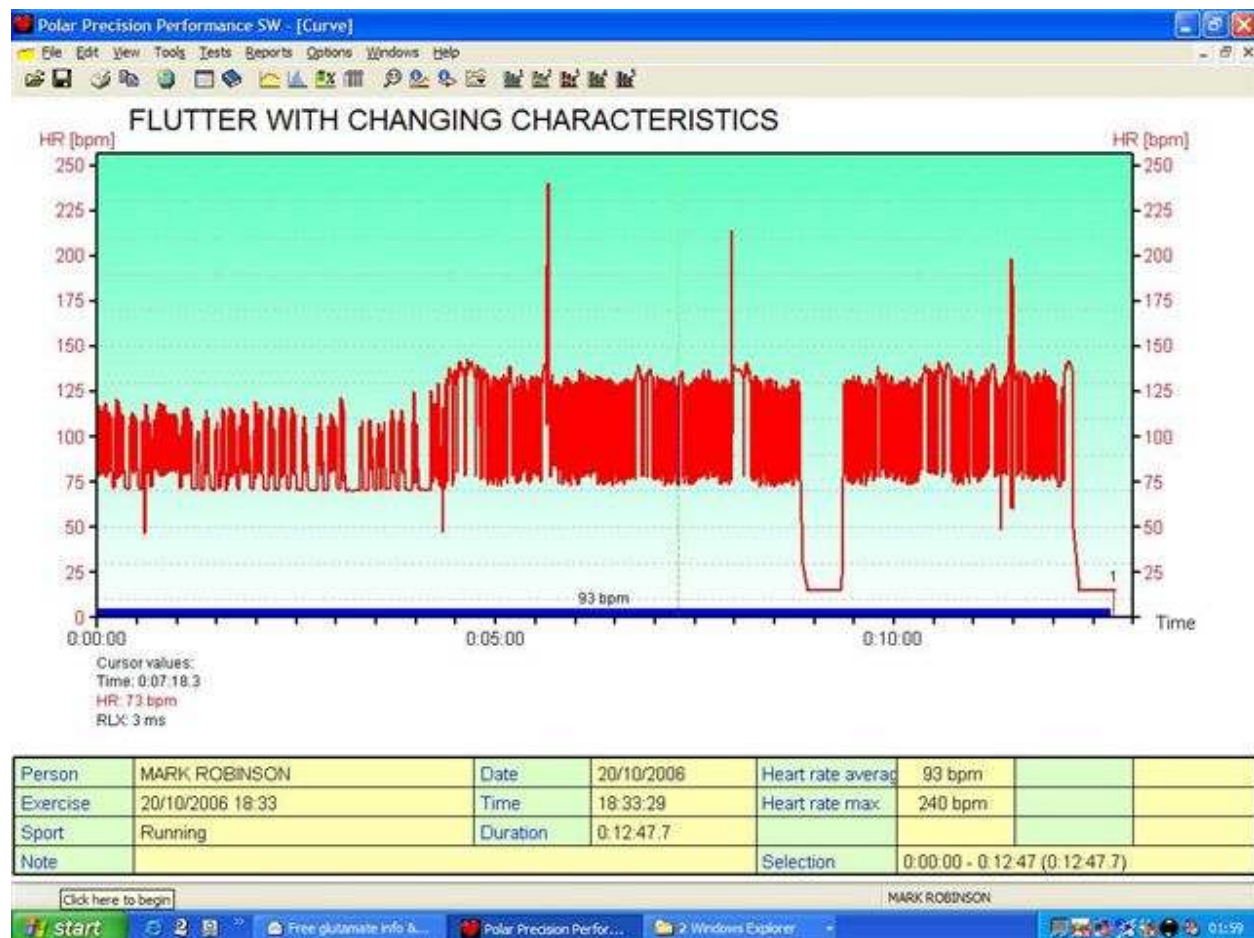
Is this real – not artefact?



Is this real (2) – not artefact?

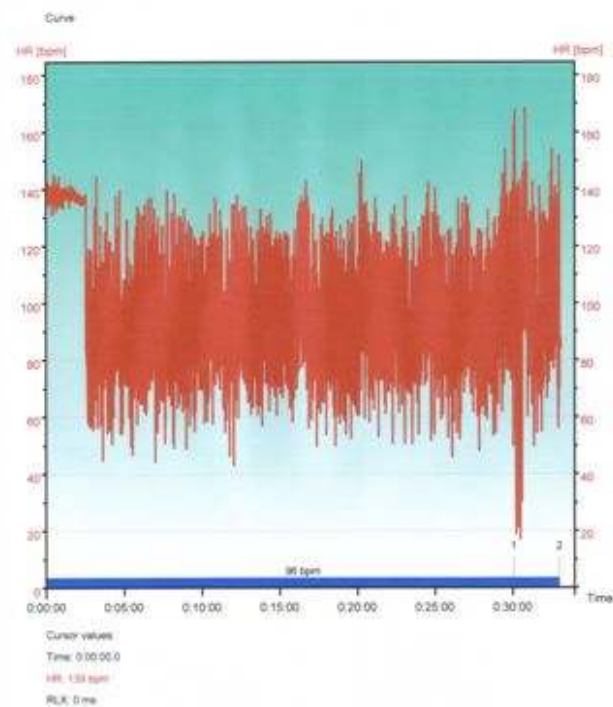






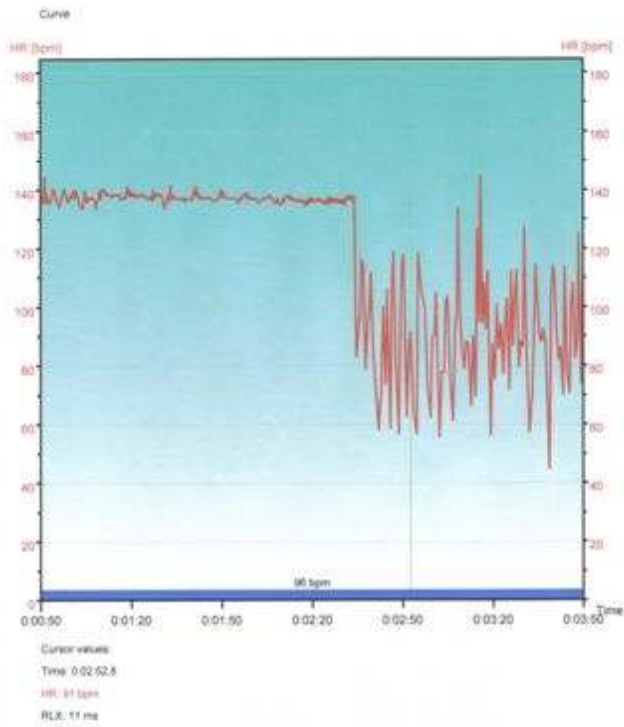
From 19 Oct

- 1) A FLUTTER TO A.FIB
 - 2)ZOOMED AT START
 - 3) WITH ZOOM OF FIB
 - 4) AFIB TO NSR EARLIER IN DAY
 - 5) PURE ARTEFACT
 - 6) A FIB STARTING
 - 7) PAC AND PVC JOINED
 - 8)ZOOMED
 - 9) JUMPING UP TO CONVERT A FIB
 - 11)FLUTTER TO FIB
 - 12) ZOOMED
 - 13) FLUTTTER ZOOMED
 - 14) PACS WITHOUT PVC
 - 15) NSR IN AN AFIB ATTACK
 - 16) AFIB STARTING
 - 17) PAC CLUSTER
 - 18) ZOOMED
 - 19)ZOOMED MORE
 - 20) AFIB CONVERTING
 - 21) ZOOM OF AFIB CONVERTING
 - 22) TODAY SHOCKING
- (there was no 10) in the list)



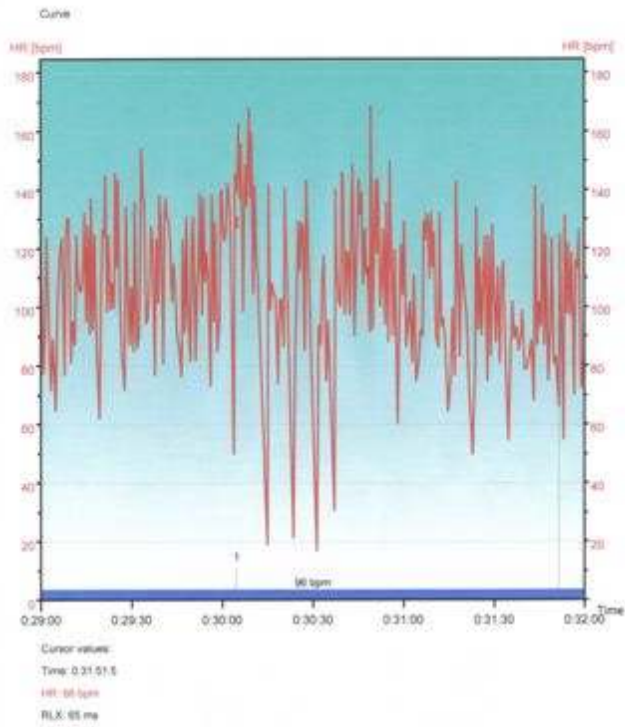
Person	MARK ROBINSON	Date	17/10/2006	Heart rate	96 bpm		
Exercise	17/10/2006 17:22	Time	04:15:46	Heart rate	169 bpm		
Sport	Running	Duration	0:33:02.0				
Note				Selection	0:00:00 - 0:33:02 (0:33:02.0)		

1 Aflutter to Afib



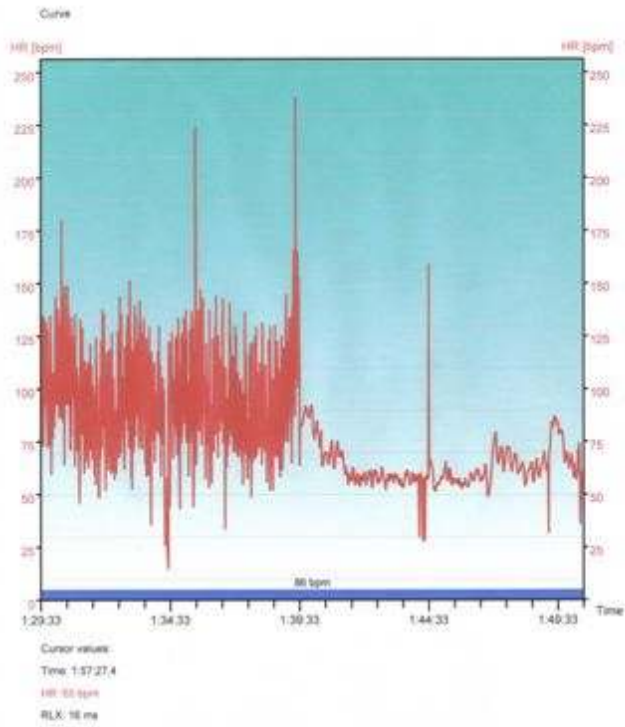
Person	MARK ROBINSON	Date	17/10/2006	Heart rate	96 bpm		
Exercise	17/10/2006 17:22	Time	04:15:46	Heart rate	169 bpm		
Sport	Running	Duration	0:33:02.0				
Note				Selection	0:00:00 - 0:33:02 (0:33:02.0)		

2 Zoomed at start



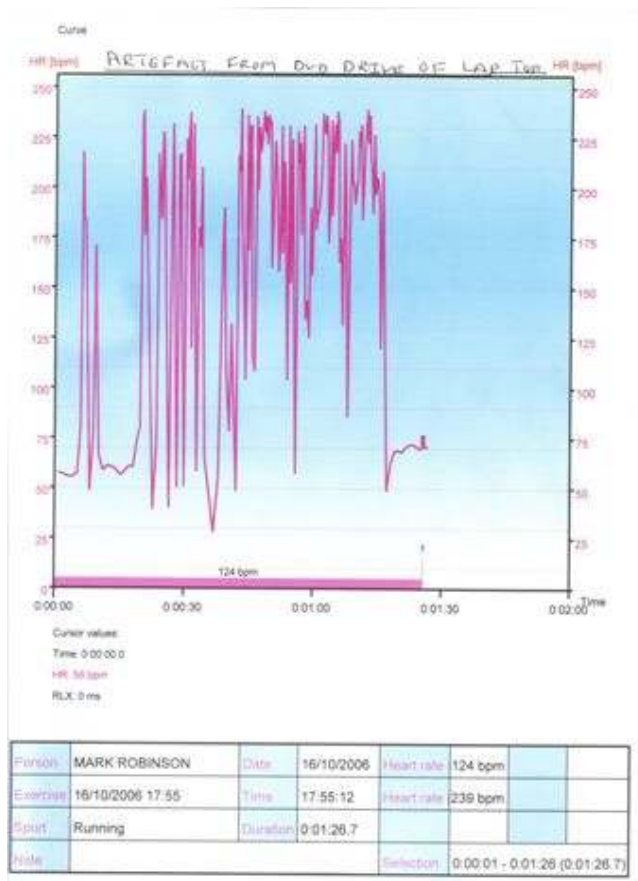
Person	MARK ROBINSON	Date	17/10/2006	Heart rate	96 bpm		
Exercise	17/10/2006 17:22	Time	04:15:46	Heart rate	169 bpm		
Sport	Running	Duration	0:33:02.0				
Note				Selection	0:00:00 - 0:33:02 (0:33:02.0)		

3 With zoom of afib

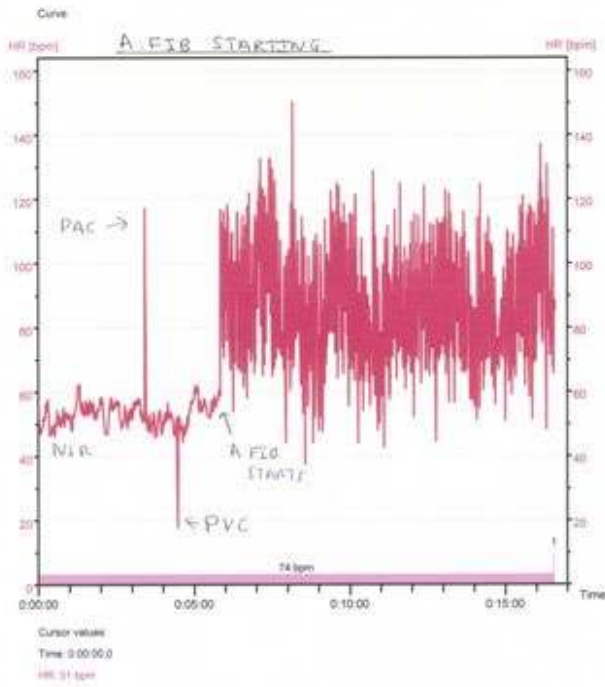


Person	MARK ROBINSON	Date	17/10/2006	Heart rate	86 bpm		
Exercise	17/10/2006 09:35	Time	09:35:37	Heart rate	240 bpm		
Sport	Running	Duration	2:03:47.0				
Note				Selection	0:00:01 - 2:03:47 (2:03:47.0)		

4 Afib to NSR earlier in the day

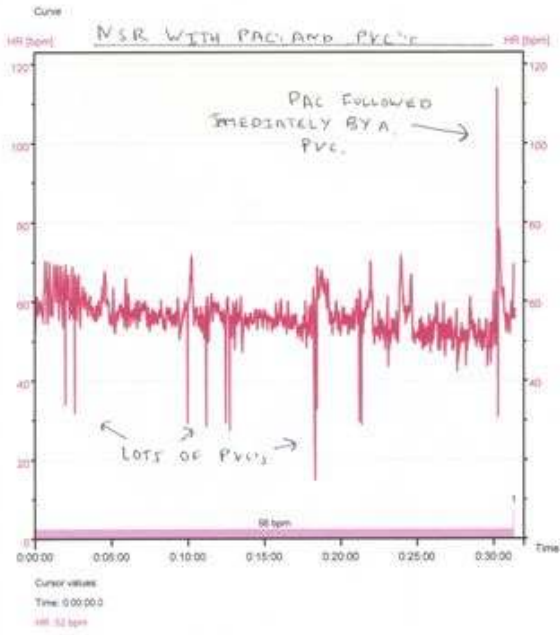


5 Pure artefact



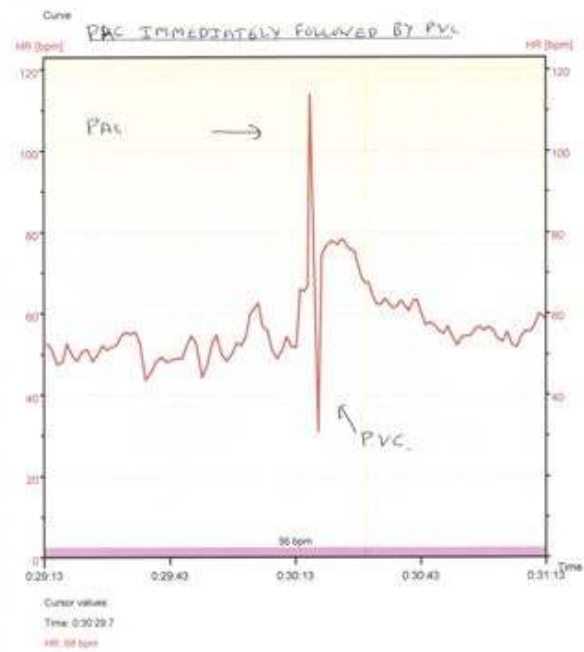
Person	MARK ROBINSON	Date	02/10/2006	Heart rate	74 bpm		
Exercise	02/10/2006 20:01	Time	20:01:13	Heart rate	150 bpm		
Speed	Running	Duration	0:16:34.9				
Notes				Selection	0:00:01 - 0:16:34 (0:16:34.9)		

6 Afib starting



Period	MARK ROBINSON	Date	06/10/2006	Heart rate	56 bpm		
Event	06/10/2006 21:10	Time	21:10:47	Heart rate	114 bpm		
Event	Running	Duration	0:31:22.1				
Note				Selection	0:00:01 - 0:31:22 (0:31:22.1)		

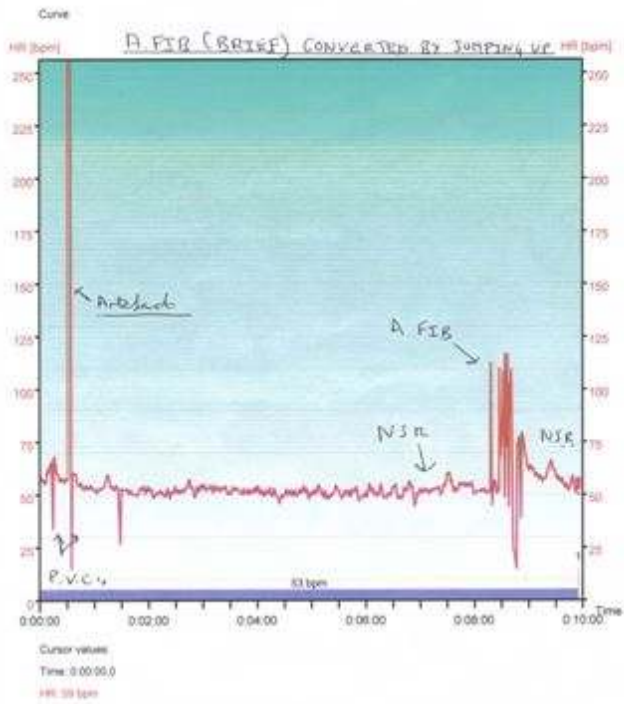
7 The note here is incorrect – it is just a PAC, not PAC followed by PVC. The PVC looking trace is a longer beat after the PAC as the PAC didn't do a complete “reset”



Period:	MARK ROBINSON	Date:	06/10/2006	Heart rate:	56 bpm		
Extended:	06/10/2006 21:10	Time:	21:10:47	Heart rate:	114 bpm		
Subject:	Running	Duration:	0:31:22.1				
Note:		Selection:	0:00:01 - 0:31:22 (0:31:22.1)				

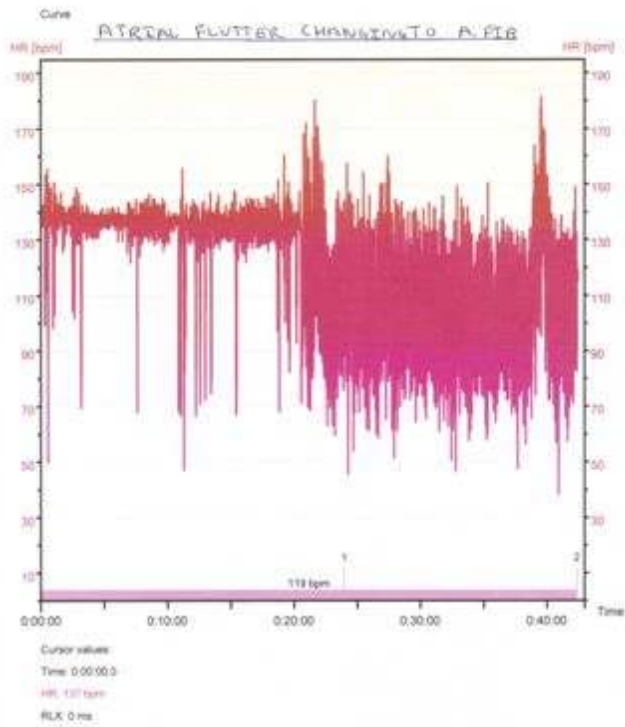
PVC

8 Zoom of above – slow beat after PAC, not



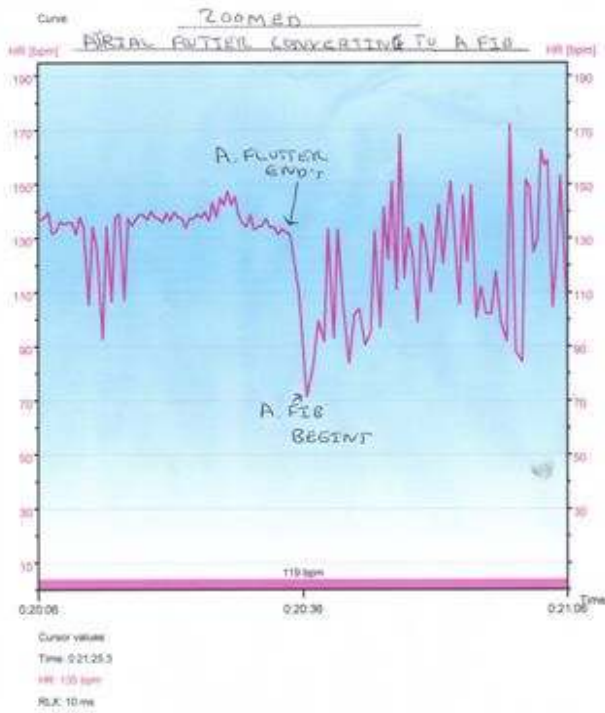
Person	MARK ROBINSON	Date	09/10/2006	Heart rate	53 bpm		
Exercise	09/10/2006 02:08	Time	02:06:40	Heart rate	194 bpm		
Sport	Running	Duration	0:09:56.4				
Note				Selection	0:00:01 - 0:09:56 (0:09:56.4)		

9 Jumping up to convert



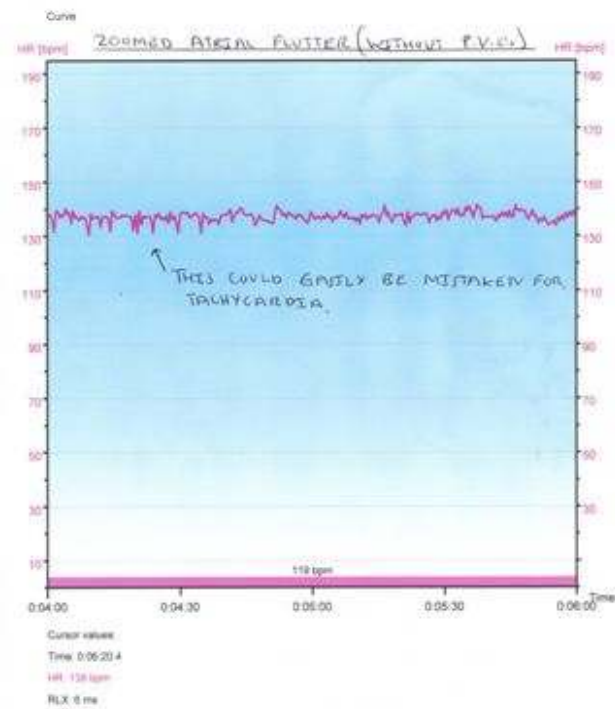
Participant	MARK ROBINSON	Date	13/10/2006	Heart rate	119 bpm		
Event date	13/10/2006 13:22	Time	13:22:21	Heart rate	181 bpm		
Event	Running	Duration	0:42:25.0				
Notes		Selection	0:00:00 - 0:42:25 (0:42:25.0)				

11 Flutter to Afib



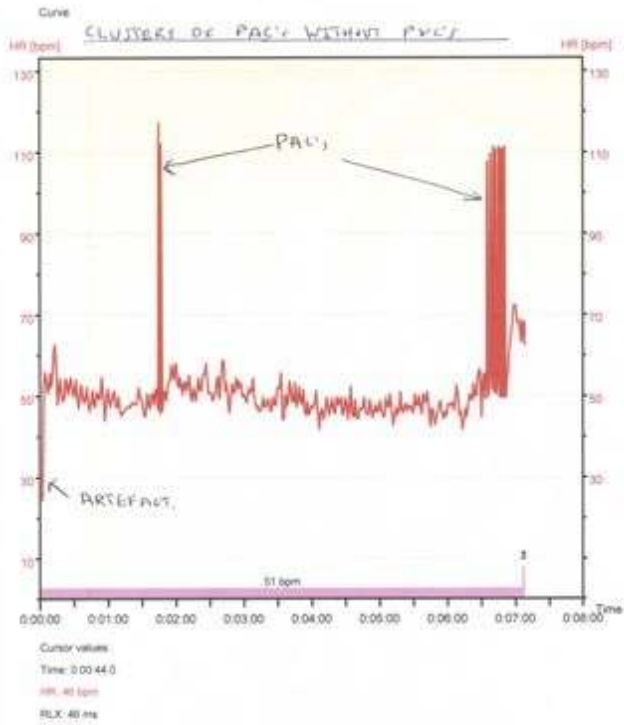
Person:	MARK ROBINSON	Date:	13/10/2006	Heart rate:	119 bpm		
Exercise:	13/10/2006 13:22	Time:	13:22:21	Heart rate:	181 bpm		
Sport:	Running	Duration:	0:42:25.0				
Note:				Selection:	0:00:00 - 0:42:25 (0:42:25.0)		

12 Zoomed



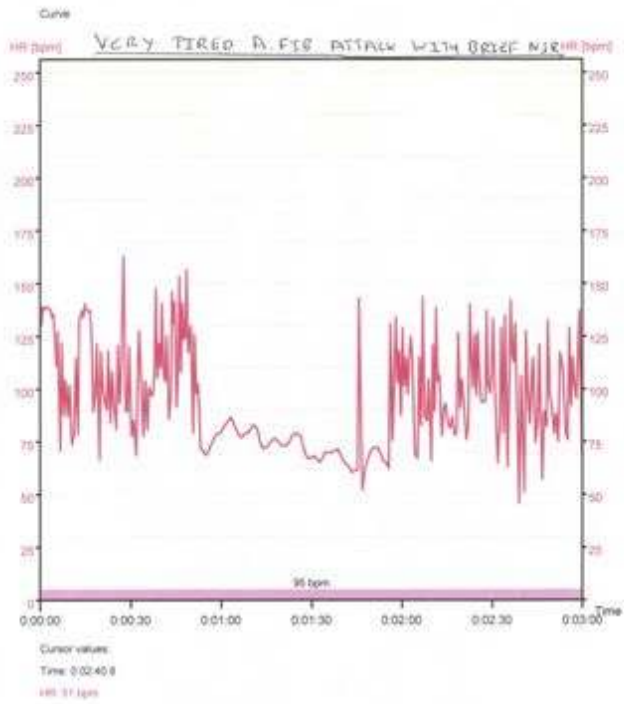
Person	MARK ROBINSON	Date	13/10/2006	Heart rate	119 bpm		
Exercise	13/10/2006 13.22	Time	13.22.21	Heart rate	181 bpm		
Sport	Running	Duration	0:42:25.0				
Note				Selection	0:00:00 - 0:42:25 (0:42:25.0)		

13 Flutter Zoomed



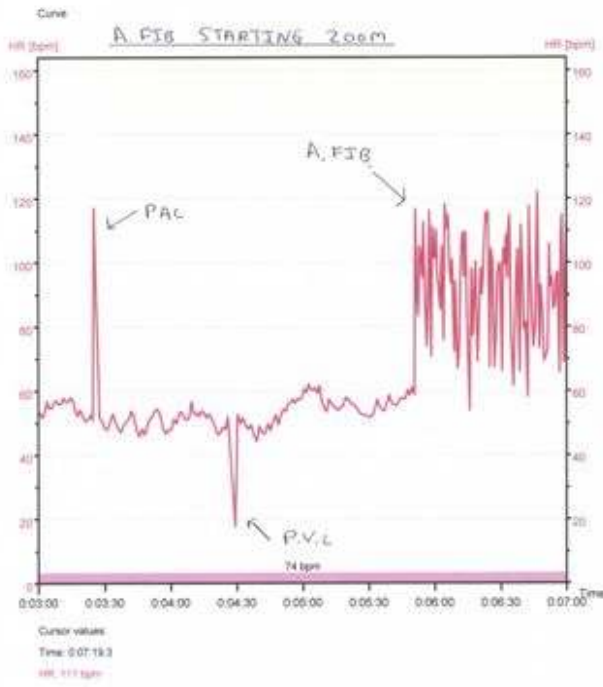
Participant	MARK ROBINSON	Date	14/10/2006	Heart rate	51 bpm		
Event	14/10/2006 12:44	Time	12:44:37	Heart rate	117 bpm		
Subject	Running	Duration	0:07:09.4				
Note		Selection	0:00:02 - 0:07:09 (0:07:09.4)				

14 PAC's without PVC's



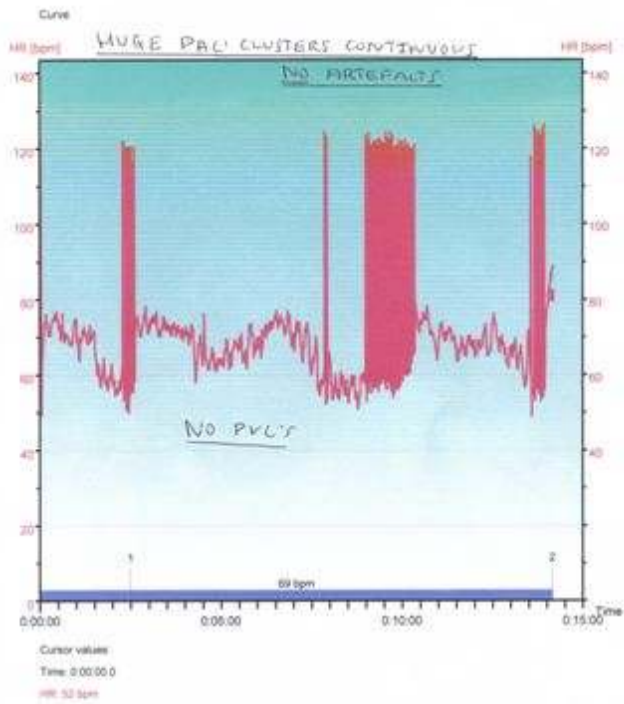
Person:	MARK ROBINSON	Date:	15/10/2006	Heart rate:	95 bpm		
Exercise:	15/10/2006 20:00	Time:	20:00:19	Heart rate:	240 bpm		
Sport:	Running	Duration:	0:40:38.3				
Notes:				Selection:	0:00:00 - 0:40:38 (0:40:38.3)		

15 NSR in an afib attack



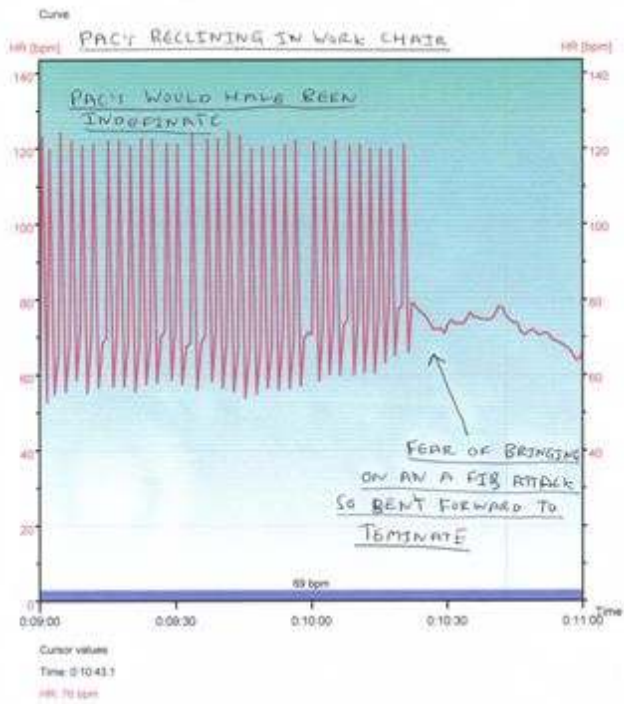
Person	MARK ROBINSON	Date	02/10/2006	Heart rate	74 bpm		
Exercise	02/10/2006 20:01	Time	20:01:13	Heart rate	150 bpm		
Event	Running	Duration	0:16:34.9				
Note				Selection	0:00:01 - 0:16:34 (0:16:34.9)		

16 afib starting



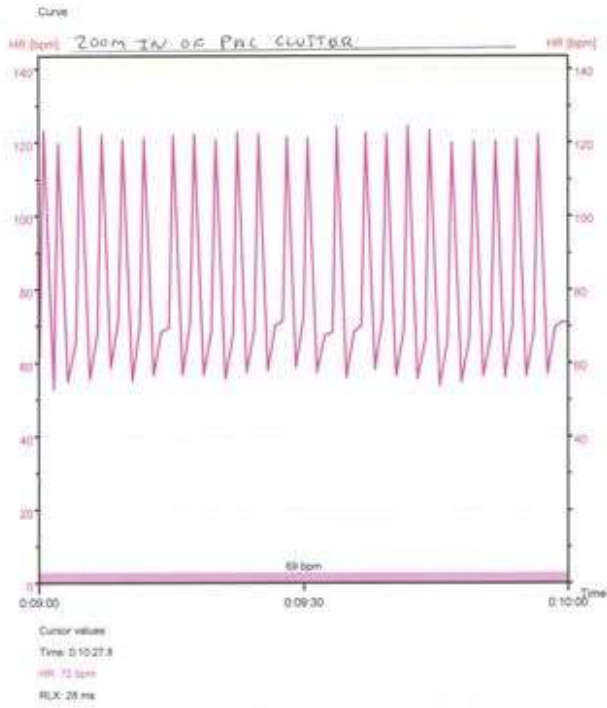
Person	MARK ROBINSON	Date	09/10/2006	Heart rate	69 bpm		
Exercise	09/10/2006 13:25	Time	13:25:41	Heart rate	126 bpm		
Sport	Running	Duration	0:14:10.9				
Note				Selection	0:00:01 - 0:14:10 (0:14:10.9)		

17 PAC cluster



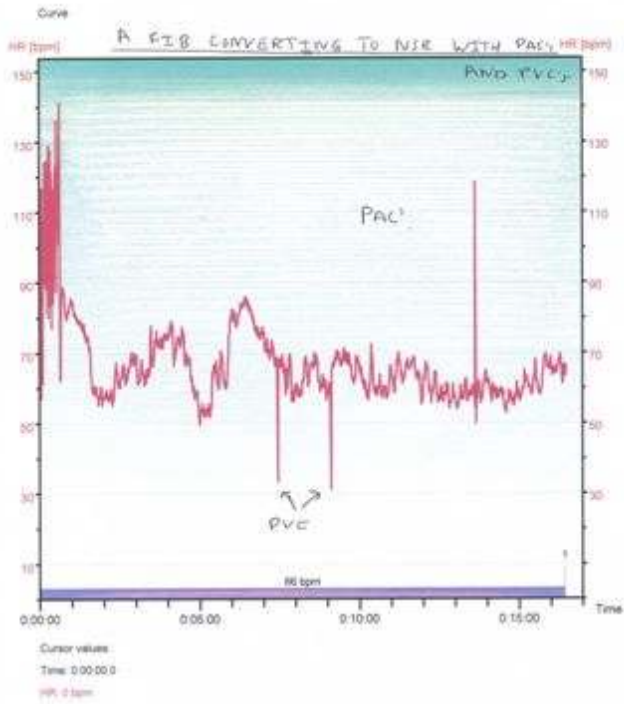
Person	MARK ROBINSON	Date	09/10/2006	Heart rate	69 bpm		
Exercise	09/10/2006 13:25	Time	13:25:41	Heart rate	126 bpm		
Sport	Running	Duration	0:14:10.9				
Note				Selection	0:00:01 - 0:14:10 (0:14:10.9)		

18 zoomed



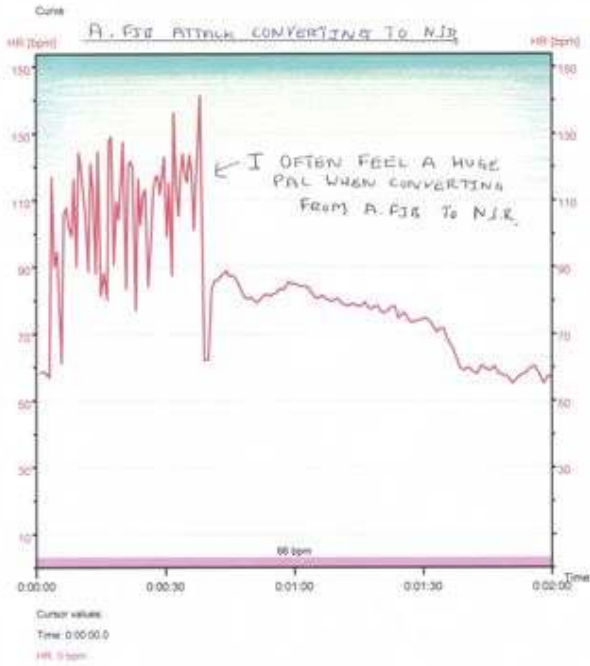
Person:	MARK ROBINSON	Date:	09/10/2006	Heart rate:	69 bpm		
Exercise:	09/10/2006 13:25	Time:	13:25:41	Heart rate:	126 bpm		
Sport:	Running	Duration:	0:14:10.9				
Note:				Selection:	0:00:01 - 0:14:10 (0:14:10.9)		

19 zoomed more



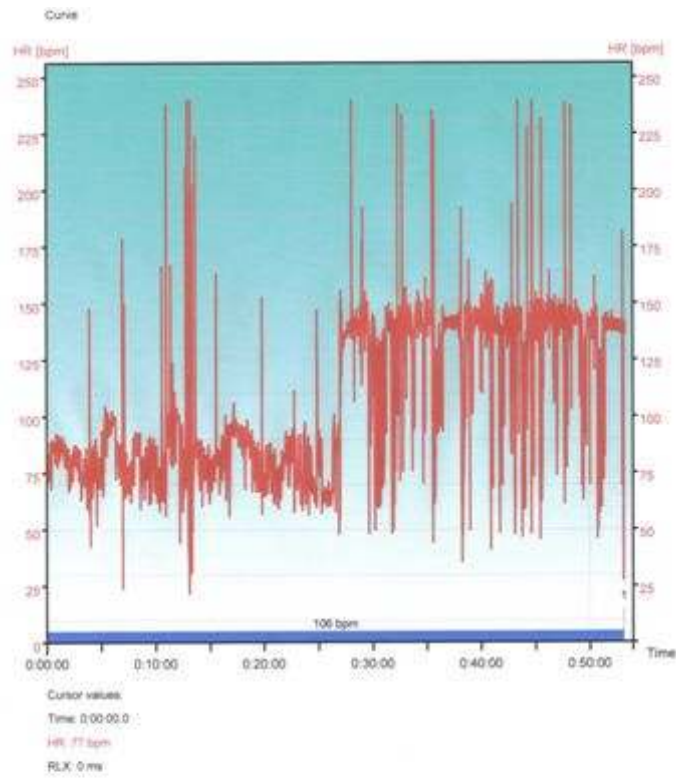
Person	MARK ROBINSON	Date	09/10/2006	Heart rate	66 bpm		
Exercise	09/10/2006 15:07	Time	15:07:33	Heart rate	141 bpm		
Spot	Running	Duration	0:16:27.8				
Note	RAN UPSTAIRS TO STOP			Selection	0:00:01 - 0:16:27 (0:16:27.8)		

20 afib converting



Person	MARK ROBINSON	Date	09/10/2006	Heart rate	66 bpm		
Exercise	09/10/2006 15:07	Time	15:07:33	Heart rate	141 bpm		
Sport	Running	Duration	0:16:27.8				
Sensor				Summary	0:00:01 - 0:16:27 (0:16:27.8)		

21 zoom of afib converting



Person	MARK ROBINSON	Date	19/10/2006	Heart rate	106 bpm		
Exercise	19/10/2006 14.27	Time	14.27.02	Heart rate	240 bpm		
Sport	Running	Duration	0:53:10.8				
Note				Selection	0:00:00 - 0:53:10 (0:53:10.8)		

22 Today, shocking