INTERPRET-AF I_PPG					
* 9. How would you classify the following measurement?					
0	Regular rhythm	One or more ectopic/missed heartbeats	Atrial flutter	Atrial fibrillation	Unreadable
0	Other (please specify)				
		ppg .		potential heartbeat detected	by the algorithm
	o 10	20 30 40 50 time (s)	60		

### INTERPRET-AF I\_PPG \* 10. How would you classify this measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500 1000 2000

### **INTERPRET-AF I\_PPG** \* 11. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (62 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s) 1000 2000

# \* 12. How would you classify the following measurement? Regular One or more ectopic/missed heartbeats Other (please specify) Red dot: potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 13. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable fibrillation rhythm heartbeats flutter Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 14. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (55 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 1000

# INTERPRET-AF I\_PPG \* 15. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

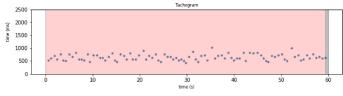
# **INTERPRET-AF I\_PPG** \* 16. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500

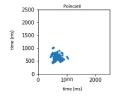
### **INTERPRET-AF I\_PPG** \* 17. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: urgent (58 beats per minute) Red dot: potential heartbeat detected by the algorithm Tachogram: time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats $\textbf{Red colour:} \ \text{atrial fibrillation}$ Blue: insufficient signal quality 2000 2000 1500 1500 1000 00 500

# \* 18. How would you classify the following measurement? Regular One or more ectopic/missed heartbeats Atrial flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

# **INTERPRET-AF I\_PPG** \* 19. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable fibrillation rhythm heartbeats flutter Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 20. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: urgent (58 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality





# INTERPRET-AF I\_PPG \* 21. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 22. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 23. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: warning (79 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s) 2000

# \* 24. How would you classify the following measurement? Regular One or more ectopic/missed flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm Red dot: potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 25. How would you classify the following measurement? One or more ectpic/missed Regular Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500 1000 time (ms)

### **INTERPRET-AF I\_PPG** \* 26. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (54 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s) 1000 2000

# **INTERPRET-AF I\_PPG** \* 27. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm

# **INTERPRET-AF I\_PPG** \* 28. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 29. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: urgent (105 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats $\textbf{Red colour:} \ \text{atrial fibrillation}$ Blue: insufficient signal quality 2000 2000 time (ms) 1500 1500 1000 1000 500

# INTERPRET-AF I\_PPG \* 30. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

# **INTERPRET-AF I\_PPG** \* 31. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000

### **INTERPRET-AF I\_PPG** \* 32. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: urgent (88 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500

# INTERPRET-AF I\_PPG \* 33. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 34. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500 1000 time (ms)

### **INTERPRET-AF I\_PPG** \* 35. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (56 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s) 1000 2000

# INTERPRET-AF I\_PPG \* 36. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

# **INTERPRET-AF I\_PPG** \* 37. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 38. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: urgent (78 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500

# INTERPRET-AF I\_PPG \* 39. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 40. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG** \* 41. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: warning (72 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 2000

# \* 42. How would you classify the following measurement? Regular One or more ectopic/missed Atrial flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

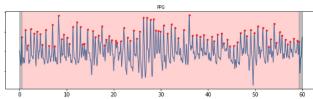
# **INTERPRET-AF I\_PPG** \* 43. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable fibrillation rhythm heartbeats flutter Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000 500

### **INTERPRET-AF I\_PPG**

- \* 44. How would you classify the following measurement?
  - Regular rhythm
- One or more ectopic/missed heartbeats
- Atrial flutter
- Atrial fibrillation
- Unreadable

Other (please specify)

### Algorithm output: urgent (89 beats per minute)



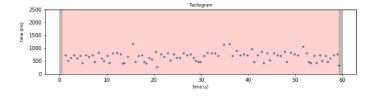
Red dot: potential heartbeat detected by the algorithm Tachogram: time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its

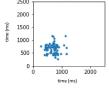
preceding RR-interval (RR n-1)

Green colour: regular rhythm

Orange colour: one or more ectopic heartbeats

**Red colour:** atrial fibrillation **Blue:** insufficient signal quality





# INTERPRET-AF I\_PPG \* 45. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

# INTERPRET-AF I\_PPG \* 46. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000

### **INTERPRET-AF I\_PPG** \* 47. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: warning (67 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s)

# INTERPRET-AF I\_PPG \* 48. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm

### INTERPRET-AF I\_PPG \* 49. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable fibrillation rhythm heartbeats flutter Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 time (ms) 1500 1500 1000 1000 500 1000 time (ms) 2000

### **INTERPRET-AF I\_PPG** \* 50. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (75 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 1000 2000

# INTERPRET-AF I\_PPG \* 51. How would you classify the following measurement? Regular One or more ectopic/missed Unreadable Atrial Atrial rhythm heartbeats flutter fibrillation Other (please specify) Red dot: potential heartbeat detected by the algorithm

# **INTERPRET-AF I\_PPG** \* 52. How would you classify the following measurement? One or more ectopic/missed Regular Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) **Red dot:** potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) **Poincaré:** duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) 2000 2000 1500 1500 1000 1000 500 1000

### **INTERPRET-AF I\_PPG** \* 53. How would you classify the following measurement? Regular One or more ectopic/missed Atrial Atrial Unreadable rhythm heartbeats flutter fibrillation Other (please specify) Algorithm output: normal (63 beats per minute) Red dot: potential heartbeat detected by the algorithm **Tachogram:** time between the detected peaks (RR-interval) Poincaré: duration of each RR-interval (RR n) in function of its preceding RR-interval (RR n-1) Green colour: regular rhythm Orange colour: one or more ectopic heartbeats Red colour: atrial fibrillation Blue: insufficient signal quality 2000 2000 1500 1500 1000 1000 500 30 time (s) 2000