

Atelier de diagnostic électrocardiographique des principales anomalies du rythme et de la conduction chez le nouveau-né

Alice MALTRET

DESC Néonatalogie Cardiologie Congénitale et Pédiatrique

Task Force Report

Guidelines for the interpretation of the neonatal electrocardiogram

A Task Force of the European Society of Cardiology

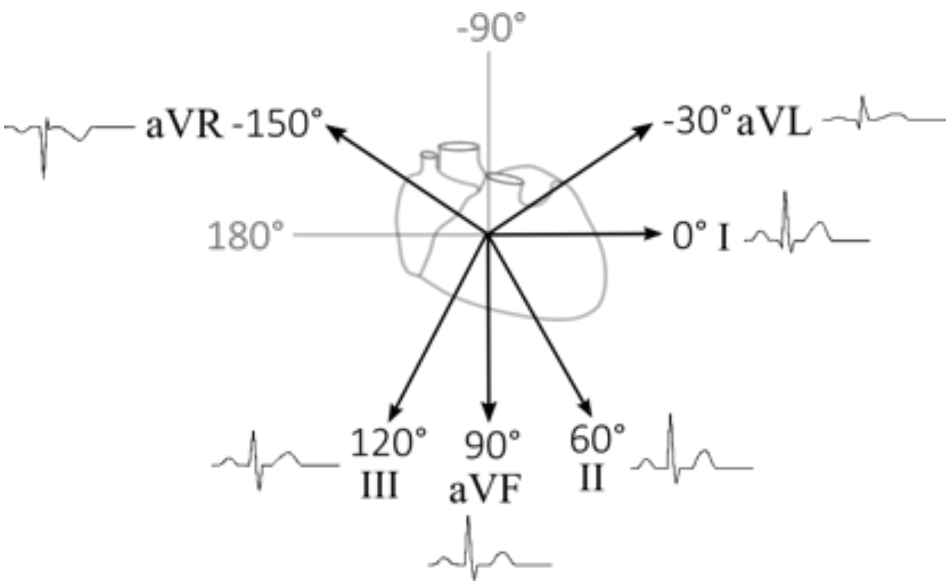
P. J. Schwartz¹ (Chair), A. Garson, Jr², T. Paul³, M. Stramba-Badiale⁴,
V. L. Vetter⁵, E. Villain⁶ and C. Wren⁷

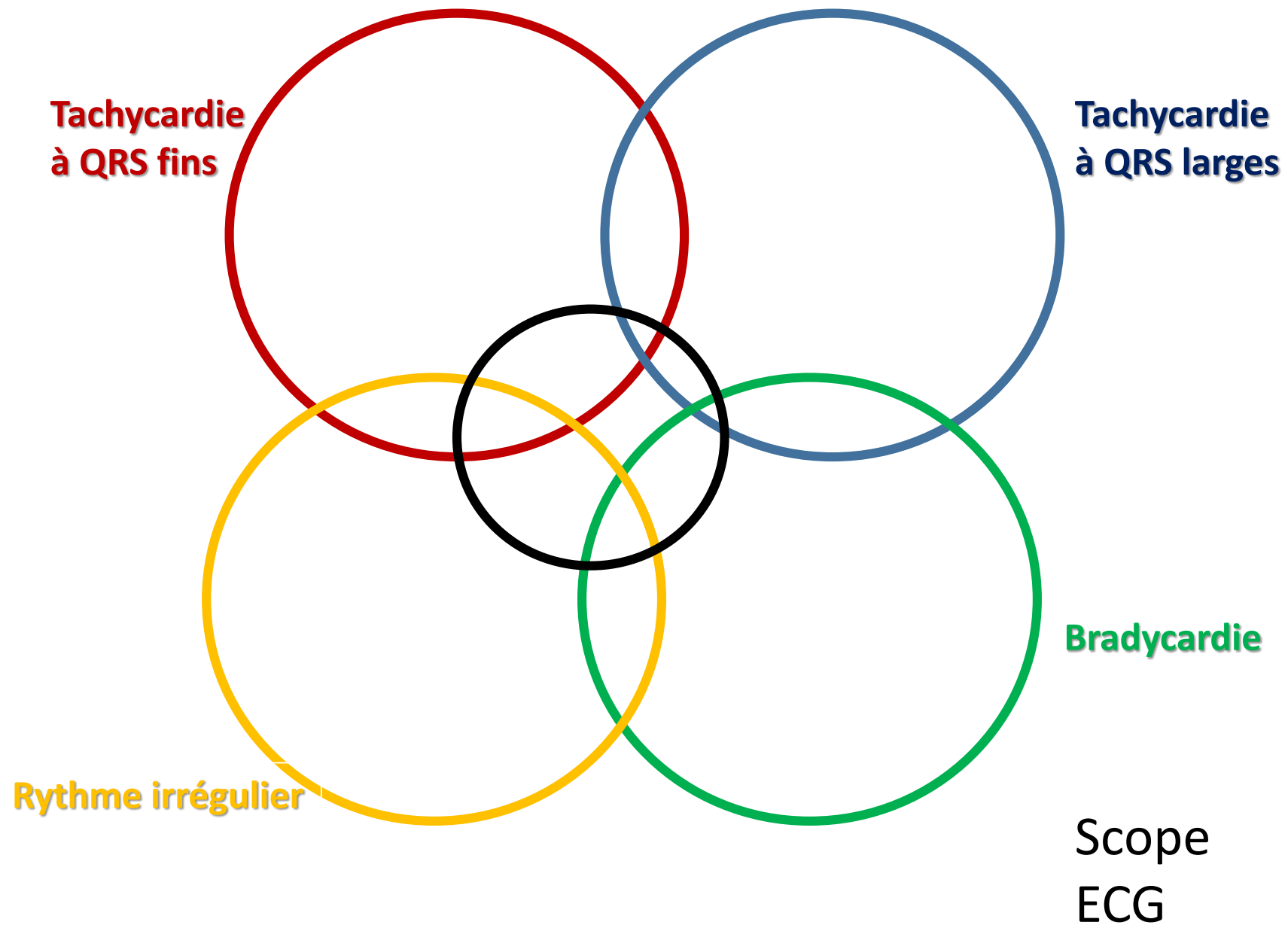
Lecture systématisée d'un ECG

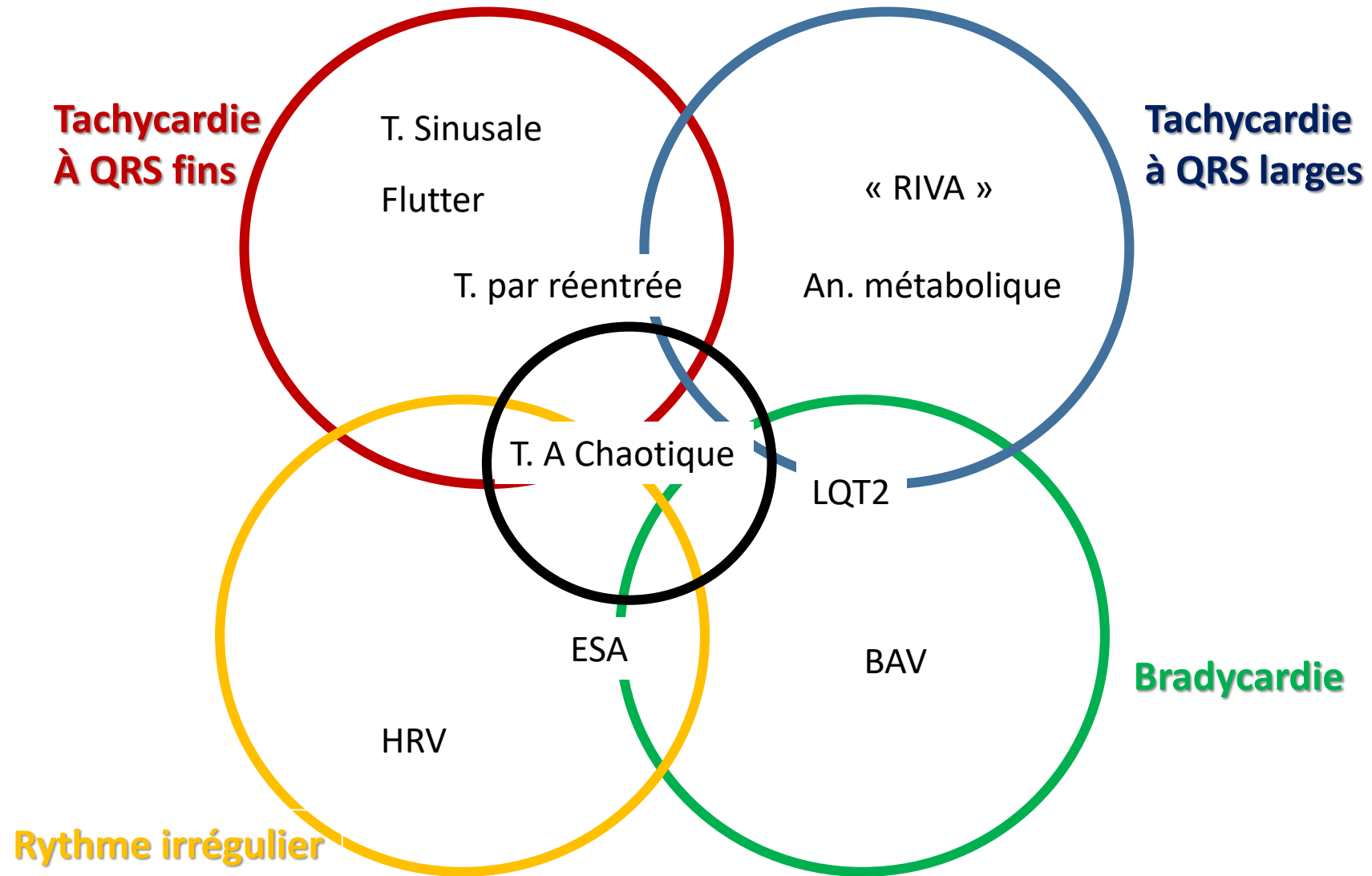
- Axe
- Fréquence (brady/normal/tachycardie)
- Rythme (régulier/irrégulier)
- Onde P (présence +/-, axe, amplitude)
- Complexe QRS (largeur, amplitude)
- Onde T (morphologie)
- Segment PR (conduction AV)
- Segment QT (repolarisation)
- Segment ST (sus décalage)

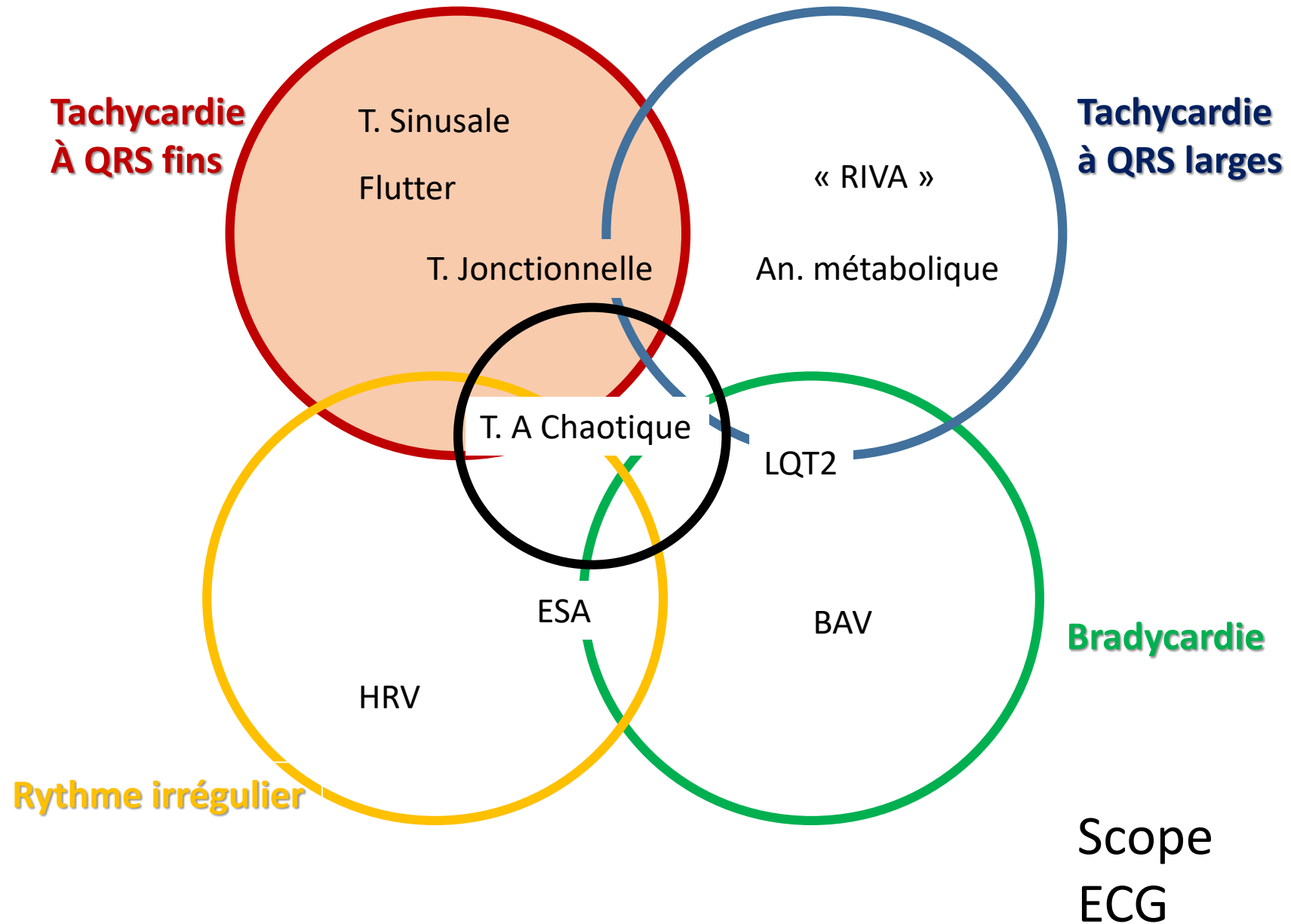
*Table 1 Normal neonatal ECG standards**

Age group	Heart rate (beats . min ⁻¹)	Frontal plane QRS axis ^a (degrees)
0–1 days	93–154 (123)	+59 to +192 (135)
1–3 days	91–159 (123)	+64 to +197 (134)
3–7 days	90–166 (129)	+77 to +187 (132)
7–30 days	107–182 (149)	+65 to +160 (110)
1–3 months	121–179 (150)	+31 to +114 (75)

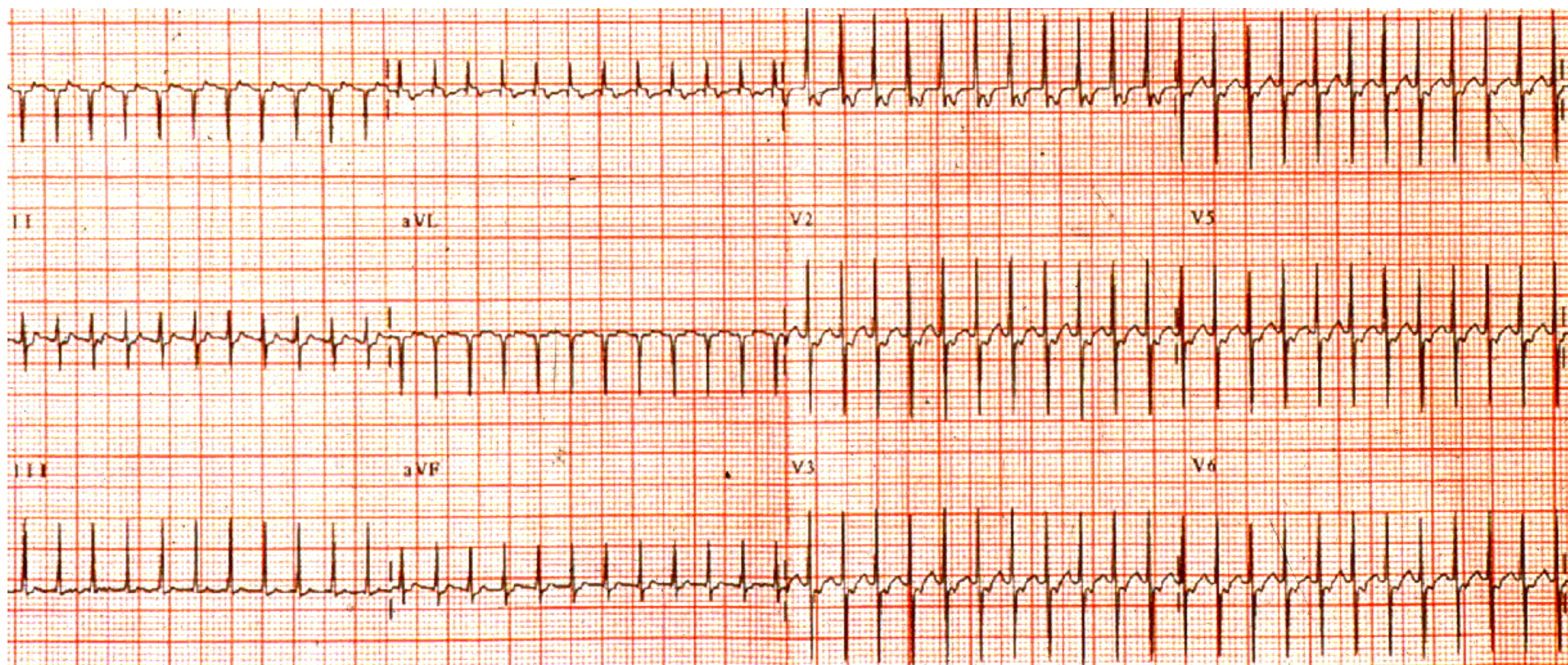


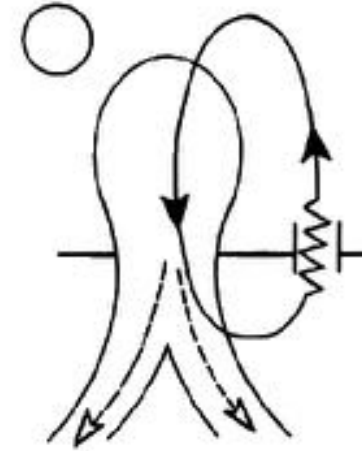
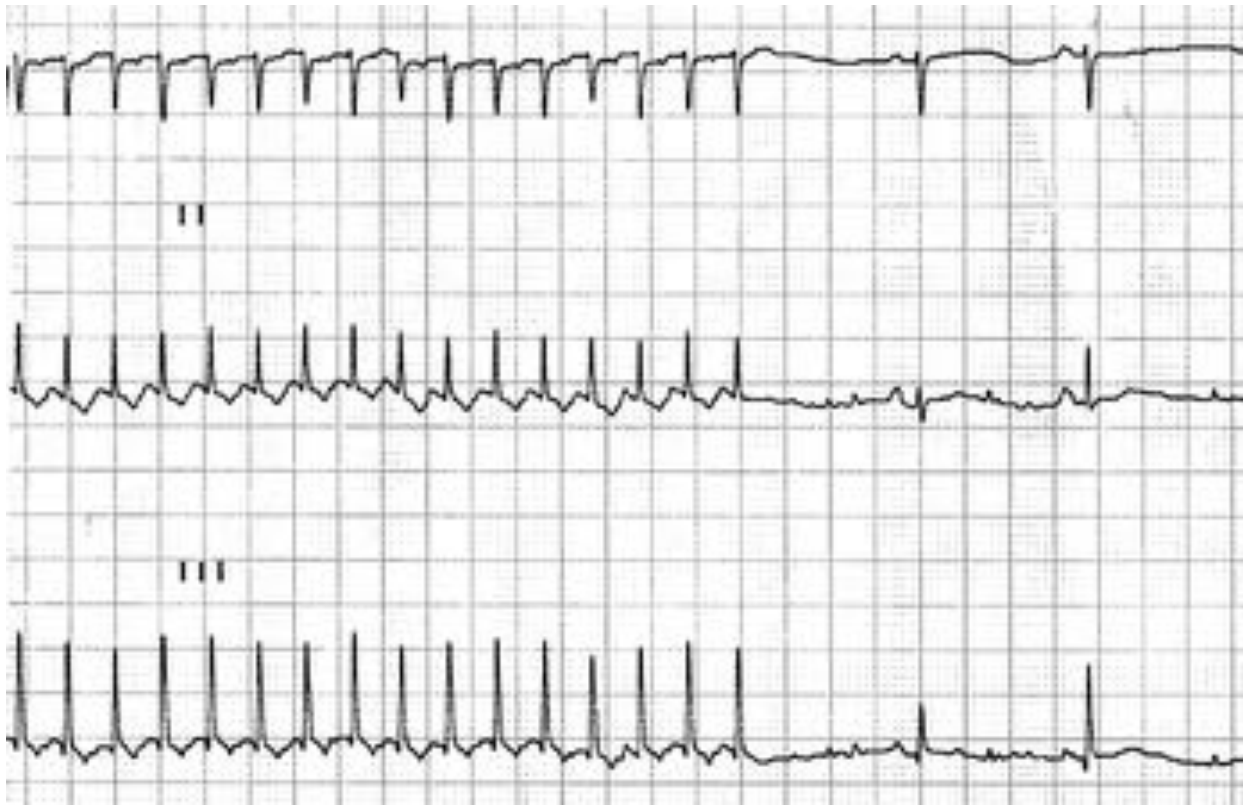




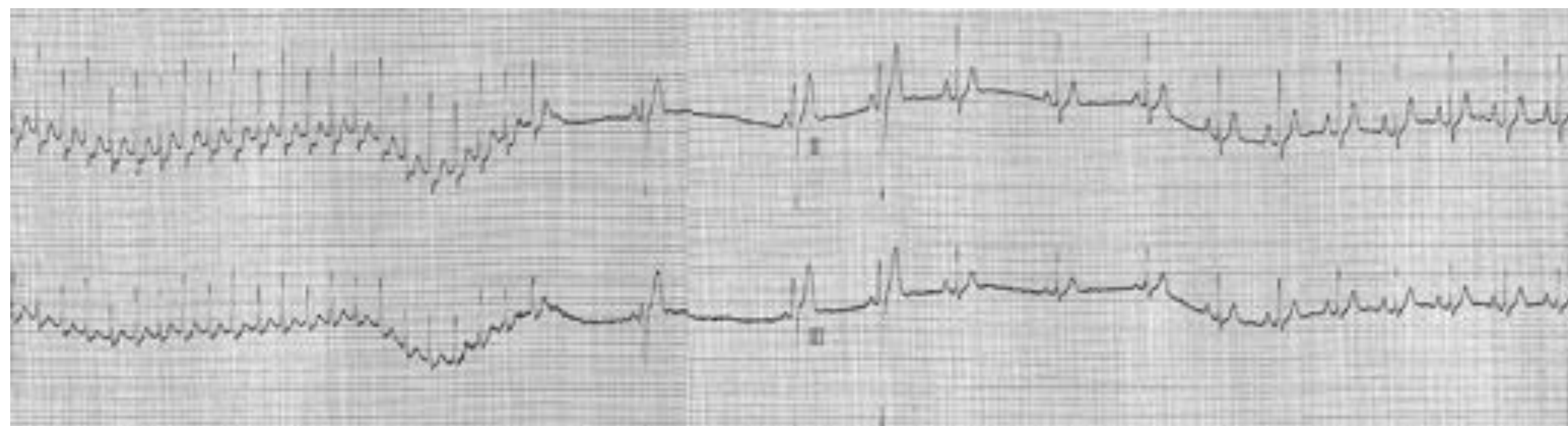


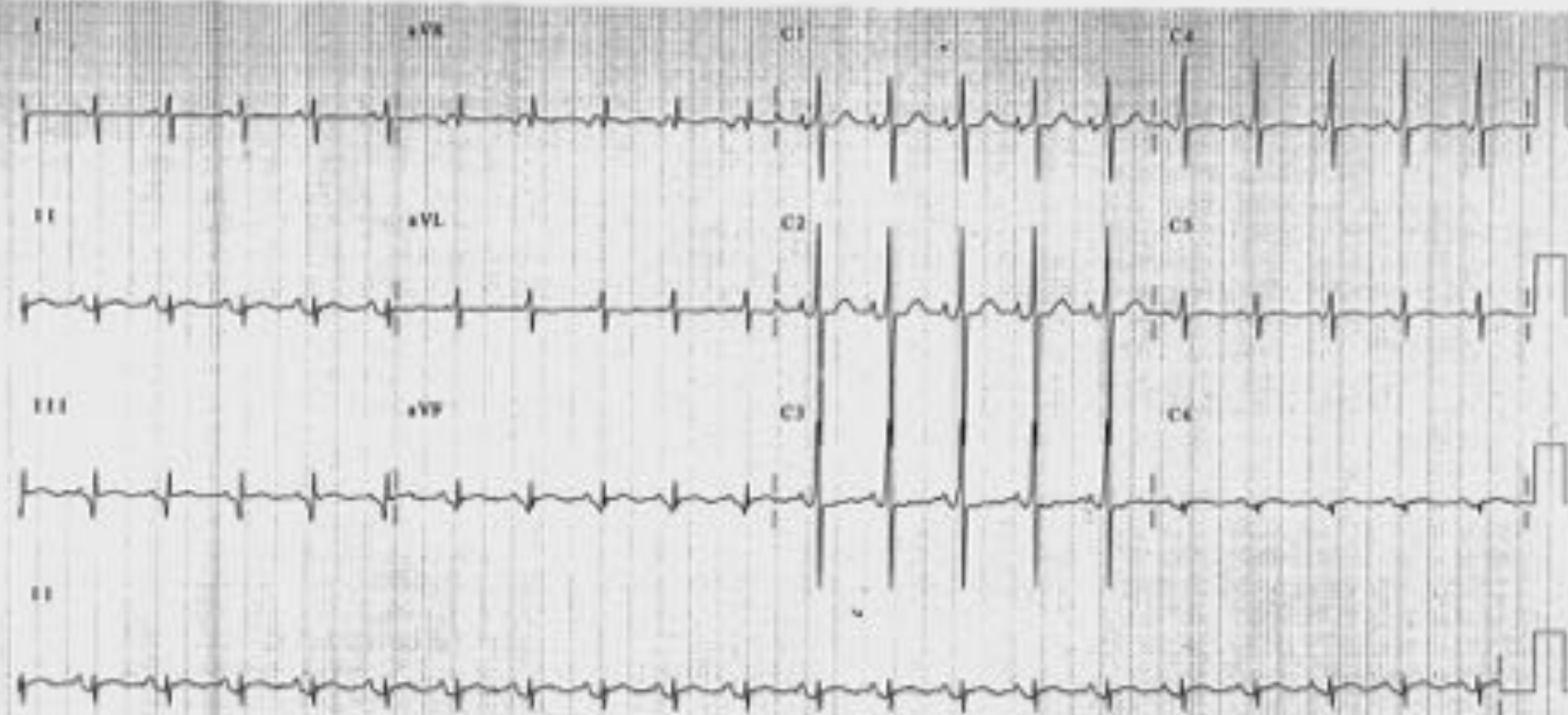






Tachycardie jonctionnelle par réentrée





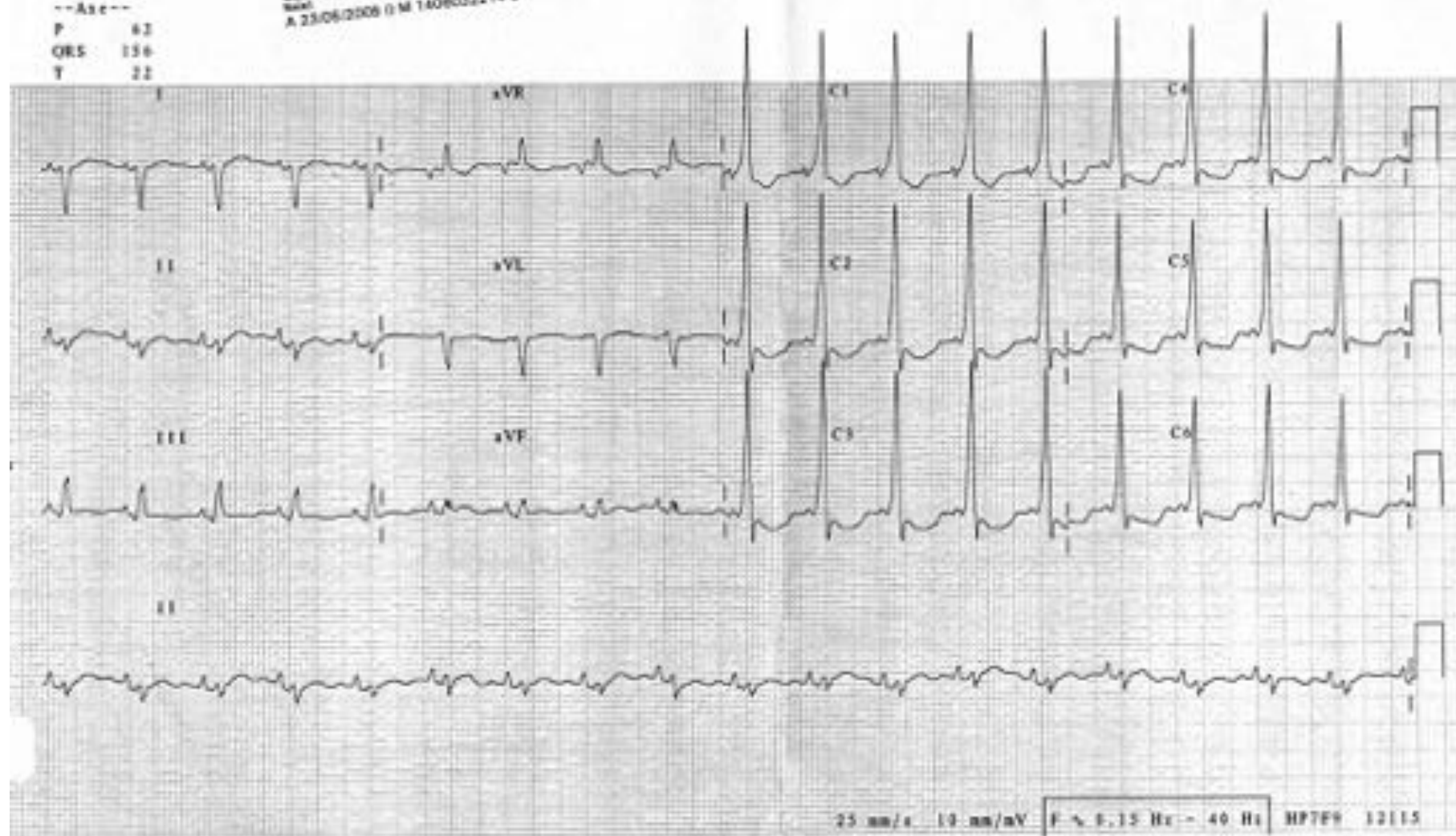
EMF 0000-0000 Vitesse: 25 mm/sec Membr: 1 am/mV Pres: 10 mm/mV

50% 0.15-40 Hz

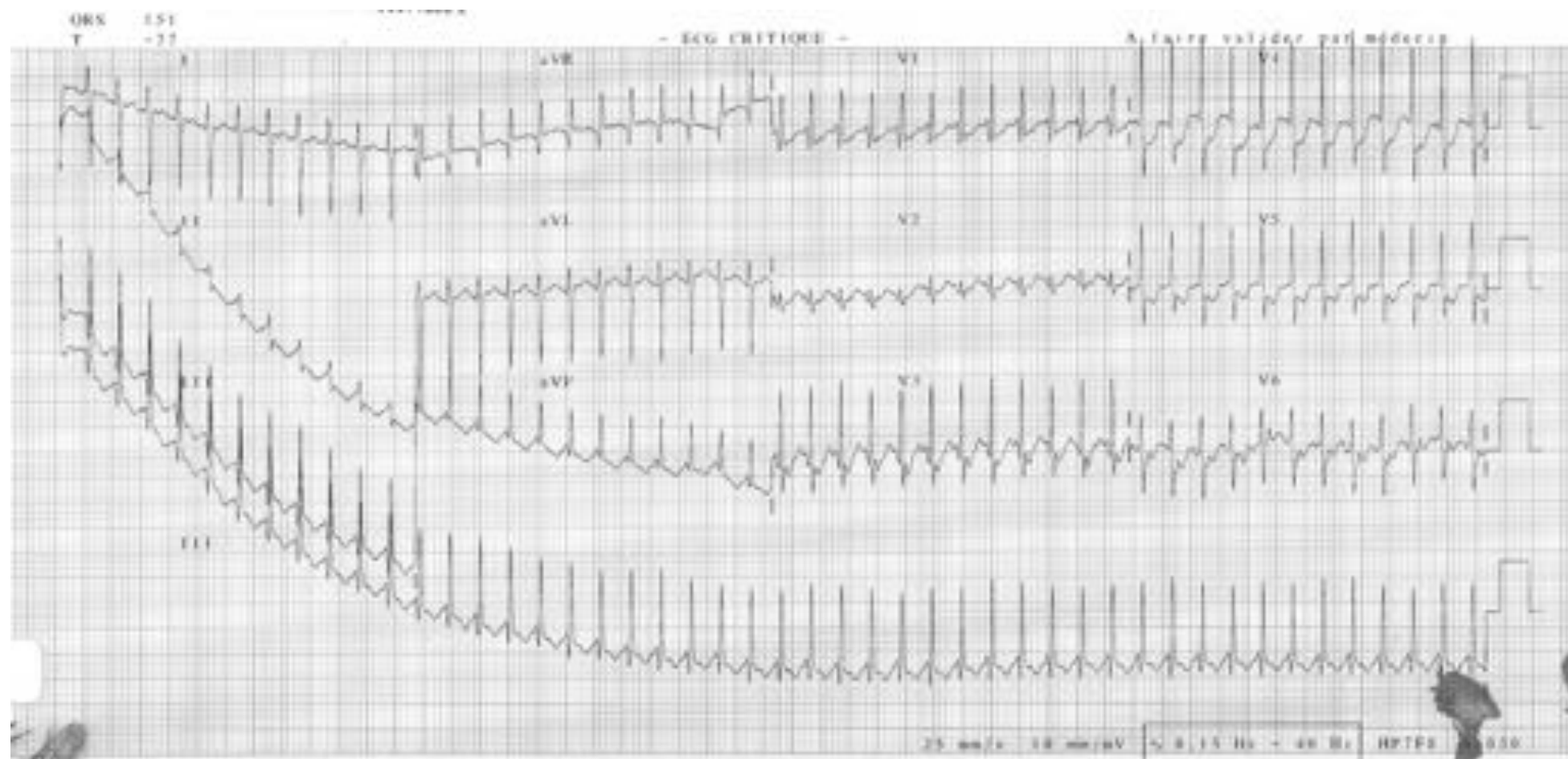
0016

--Ase--
P 62
QRS 156
T 22

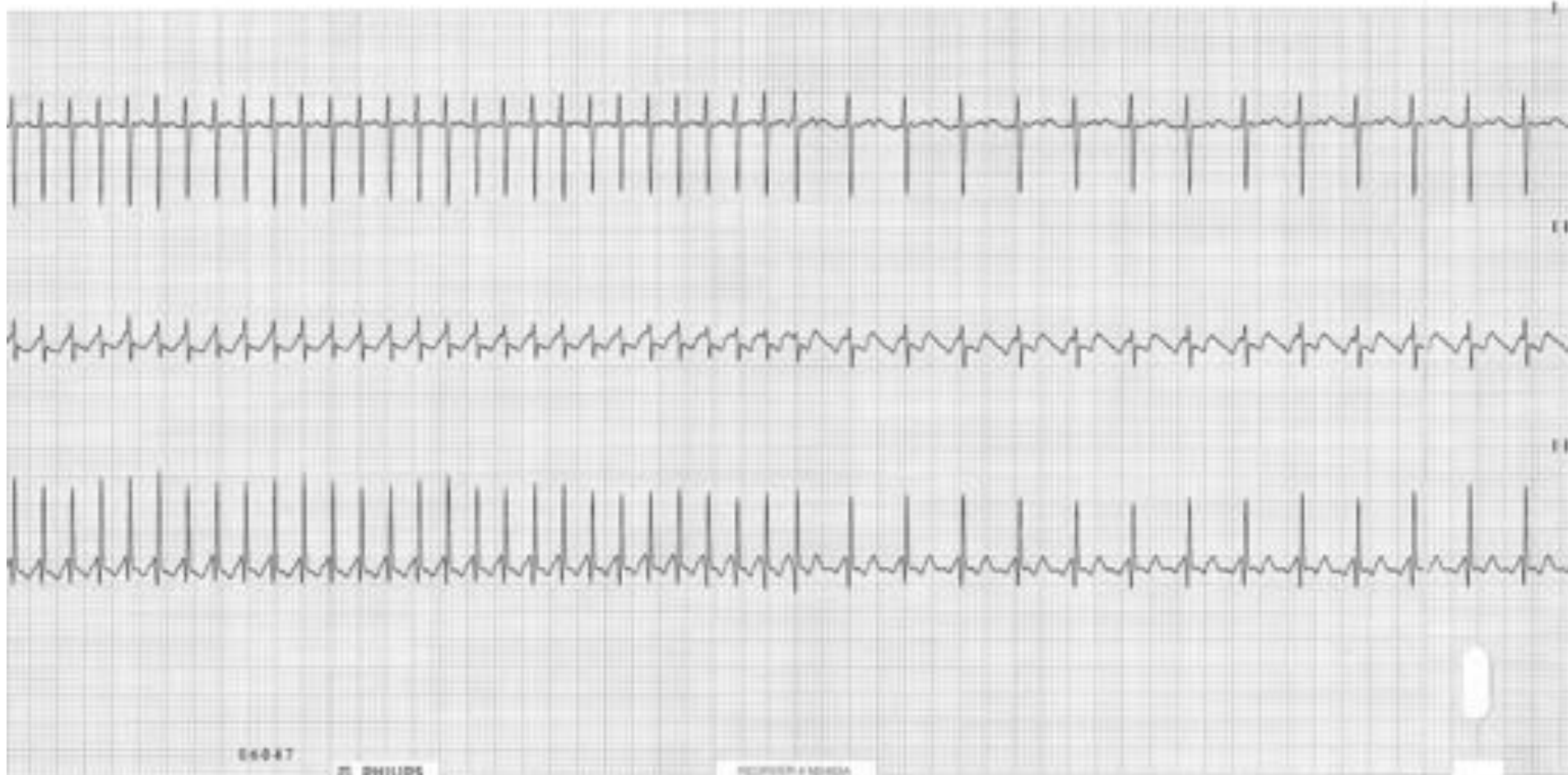
Serial
A 23/06/2006 0 M 1408024



25 mm/s 10 mm/mV F ~ 1.15 Hz ~ 40 Hz HP709 12115



Stiodu



06/02/09

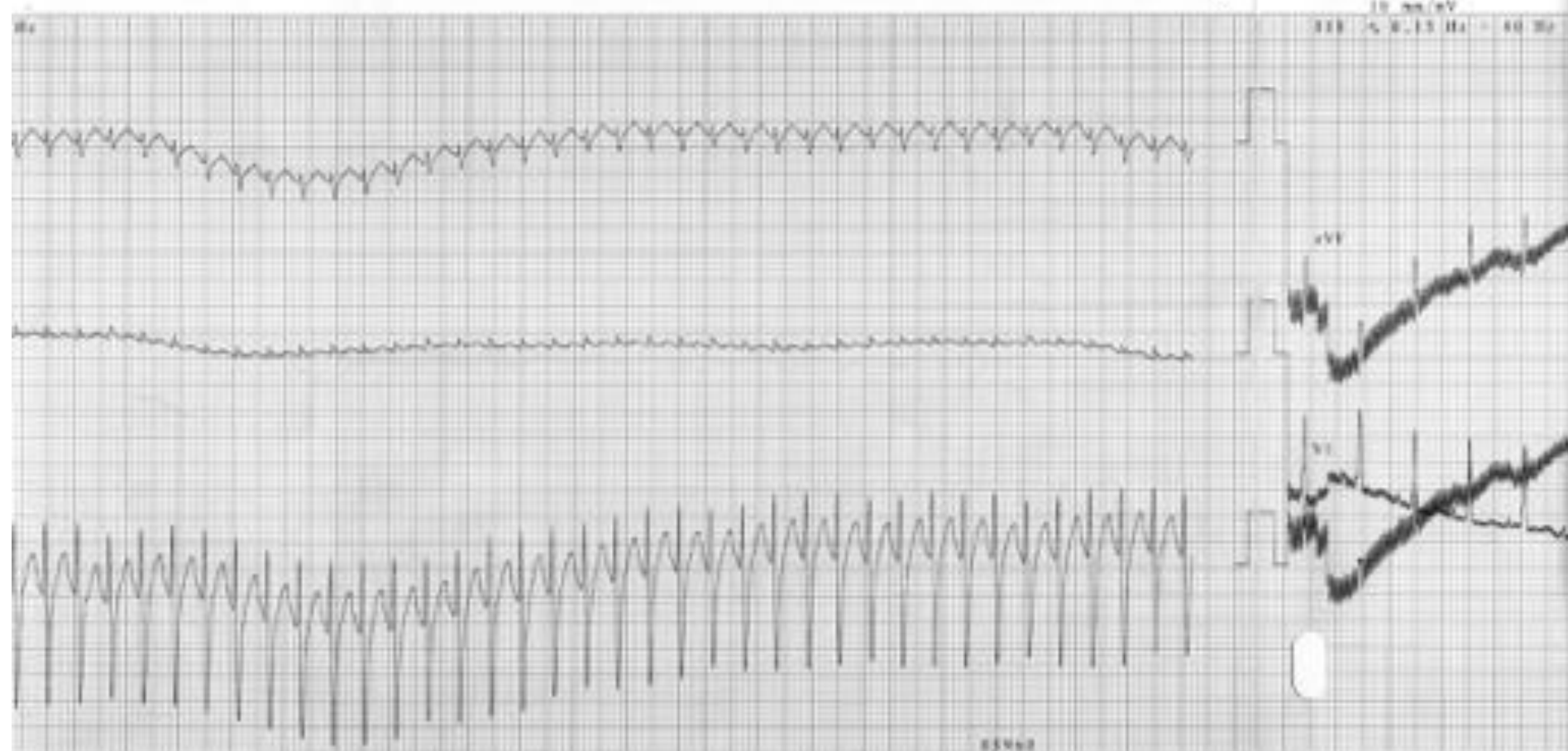
84047

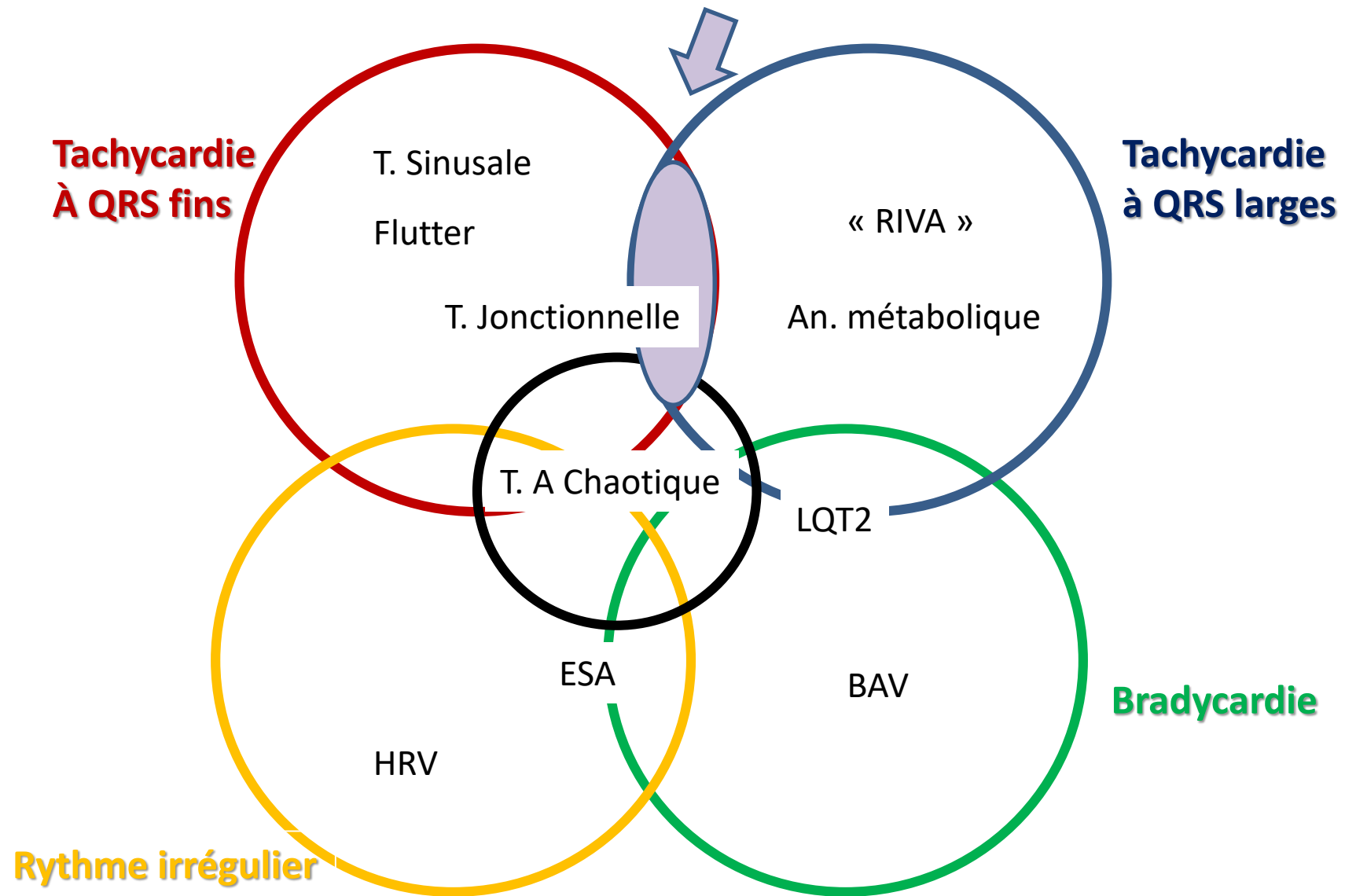
PHILIPS

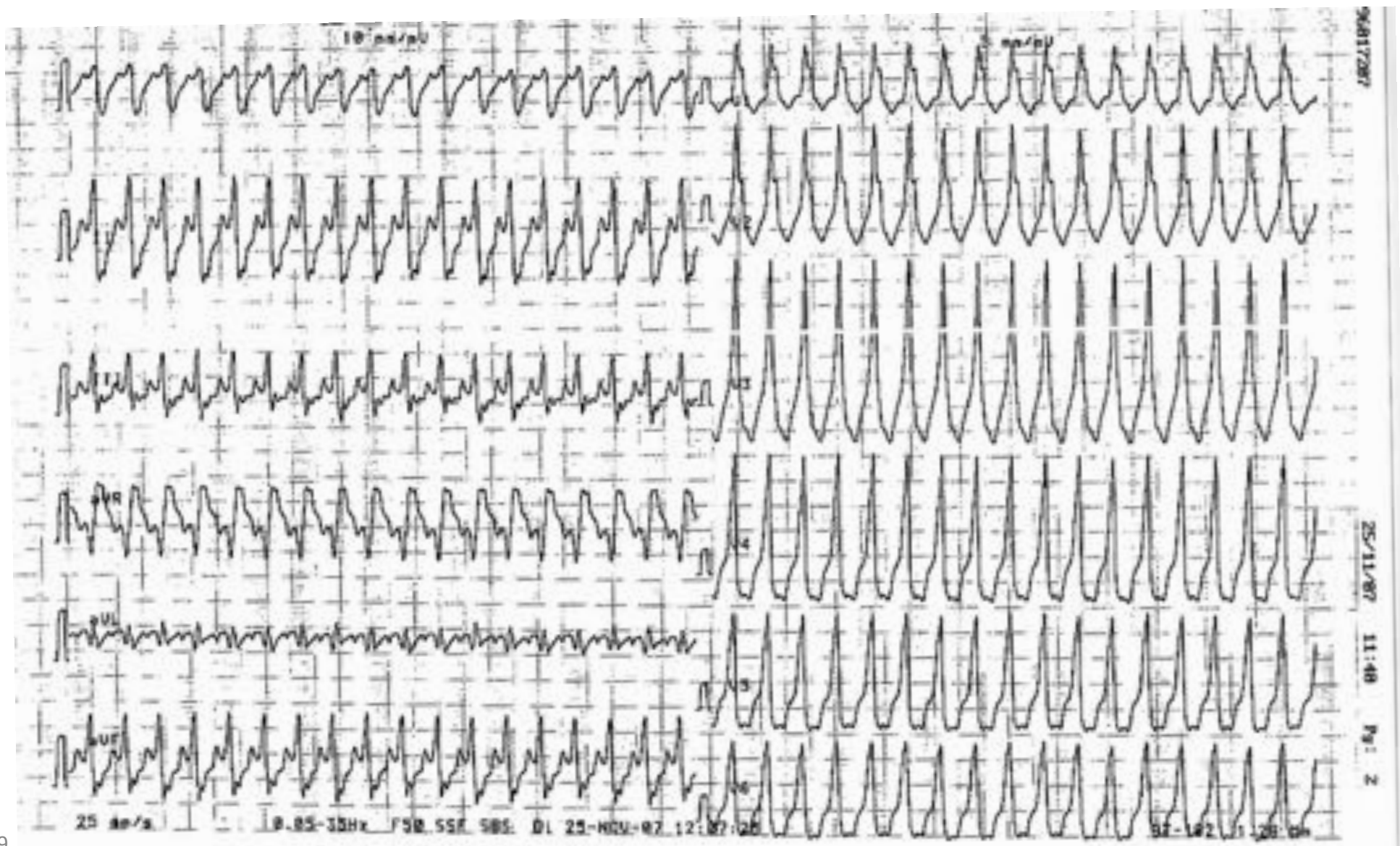
RECORDED & MONITORED

Doc

*Electrolyte
Sole 7goules*





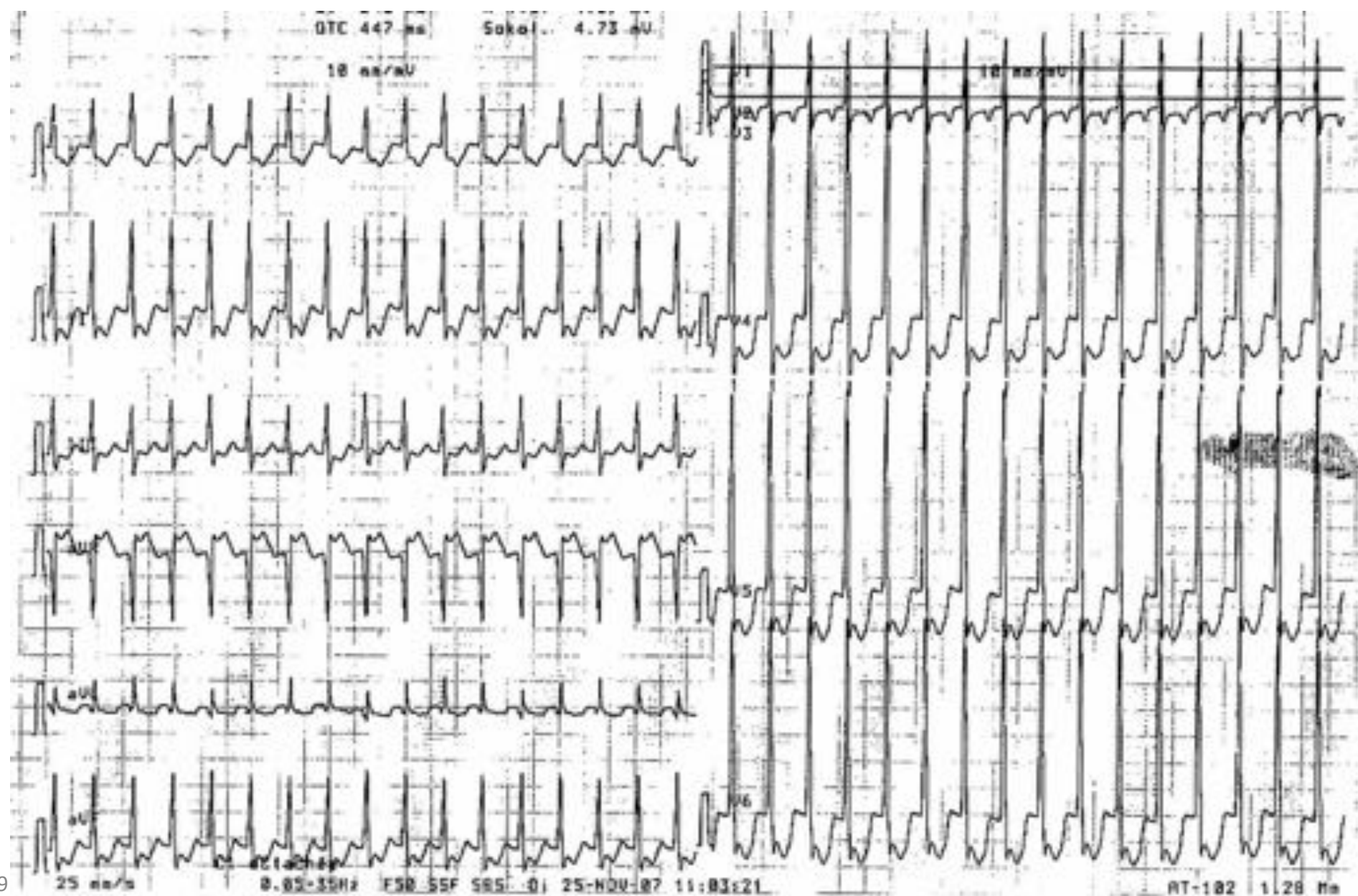


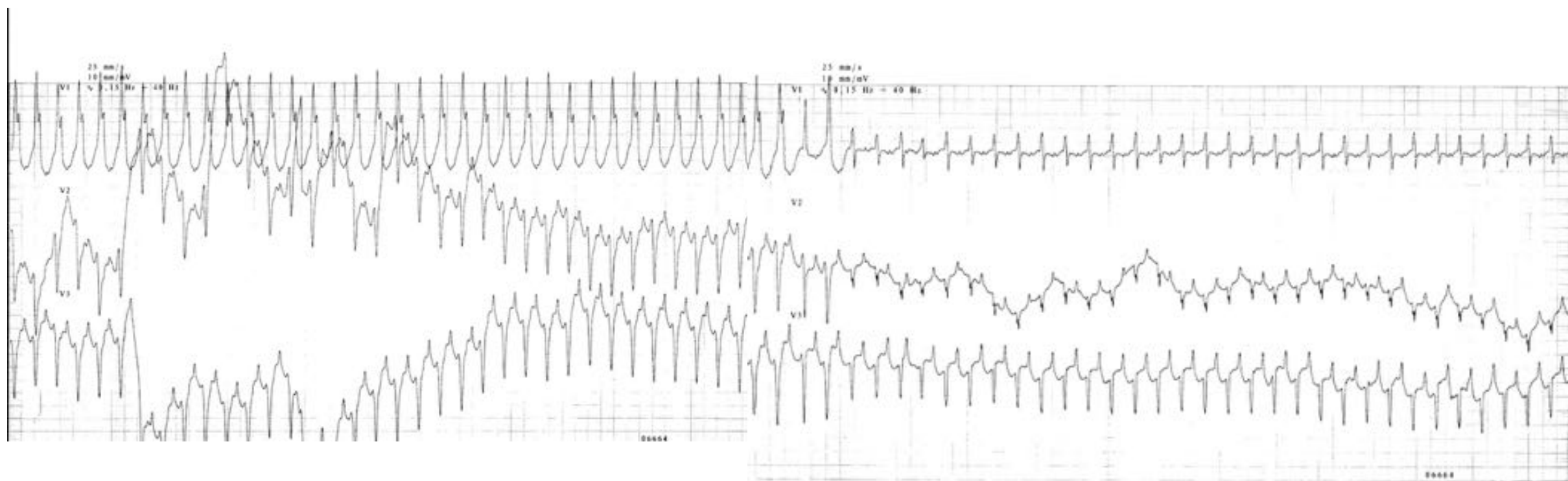
96017287

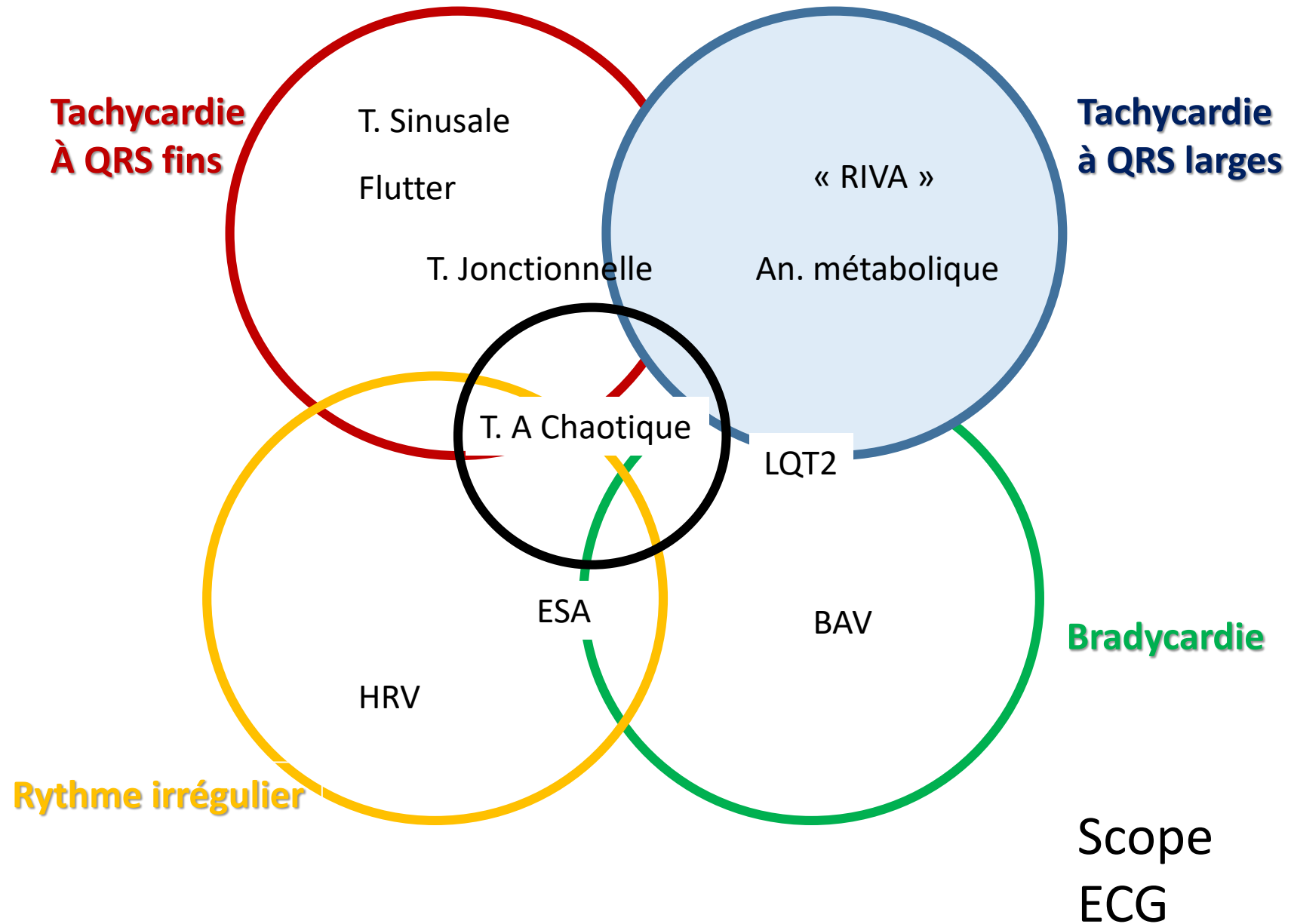
25/11/87

11:40

Pg: 2



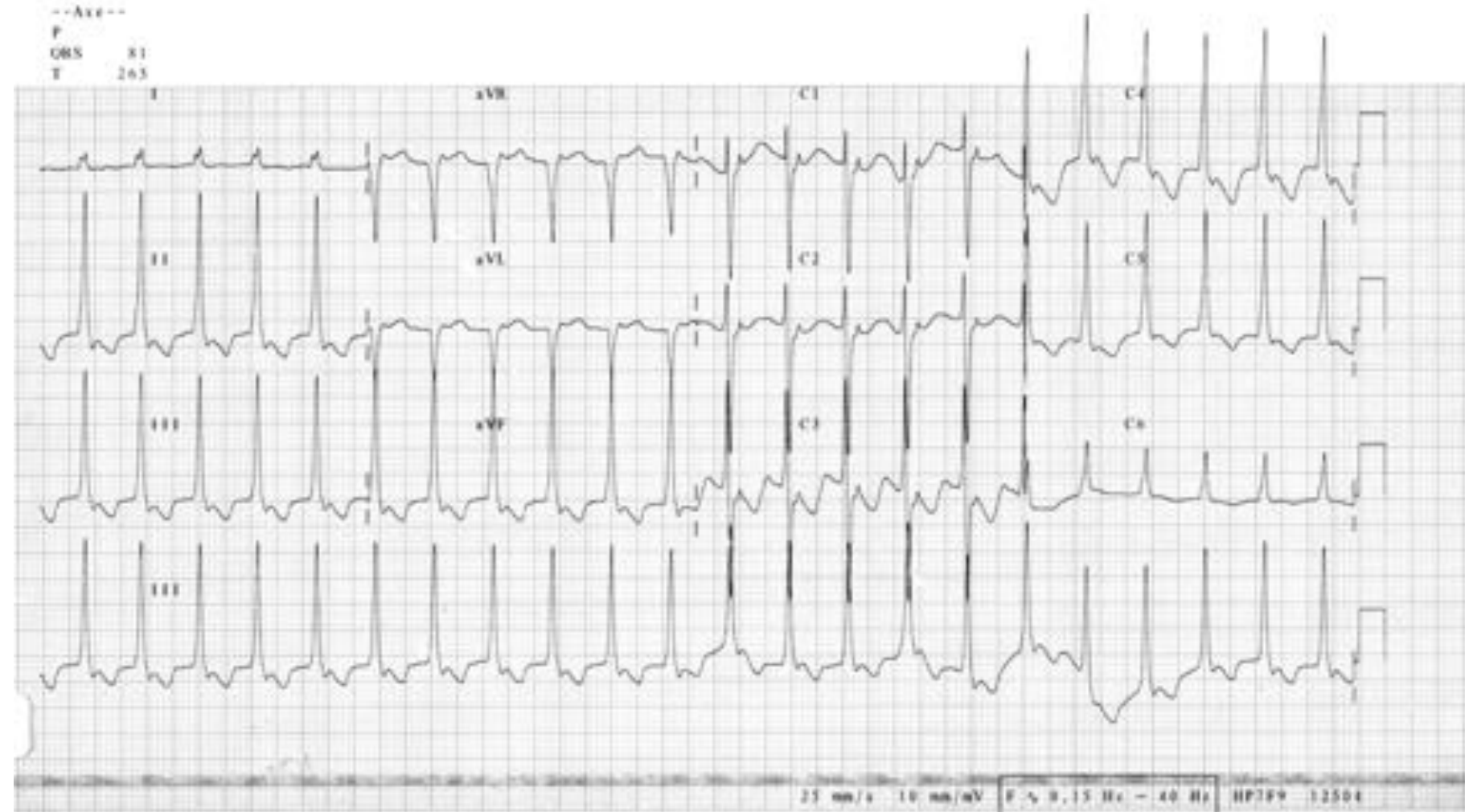




EC 131
PR 0
QRSD 107
QT 361
QTc 533

--Acc--

P
QRS 81
T 263



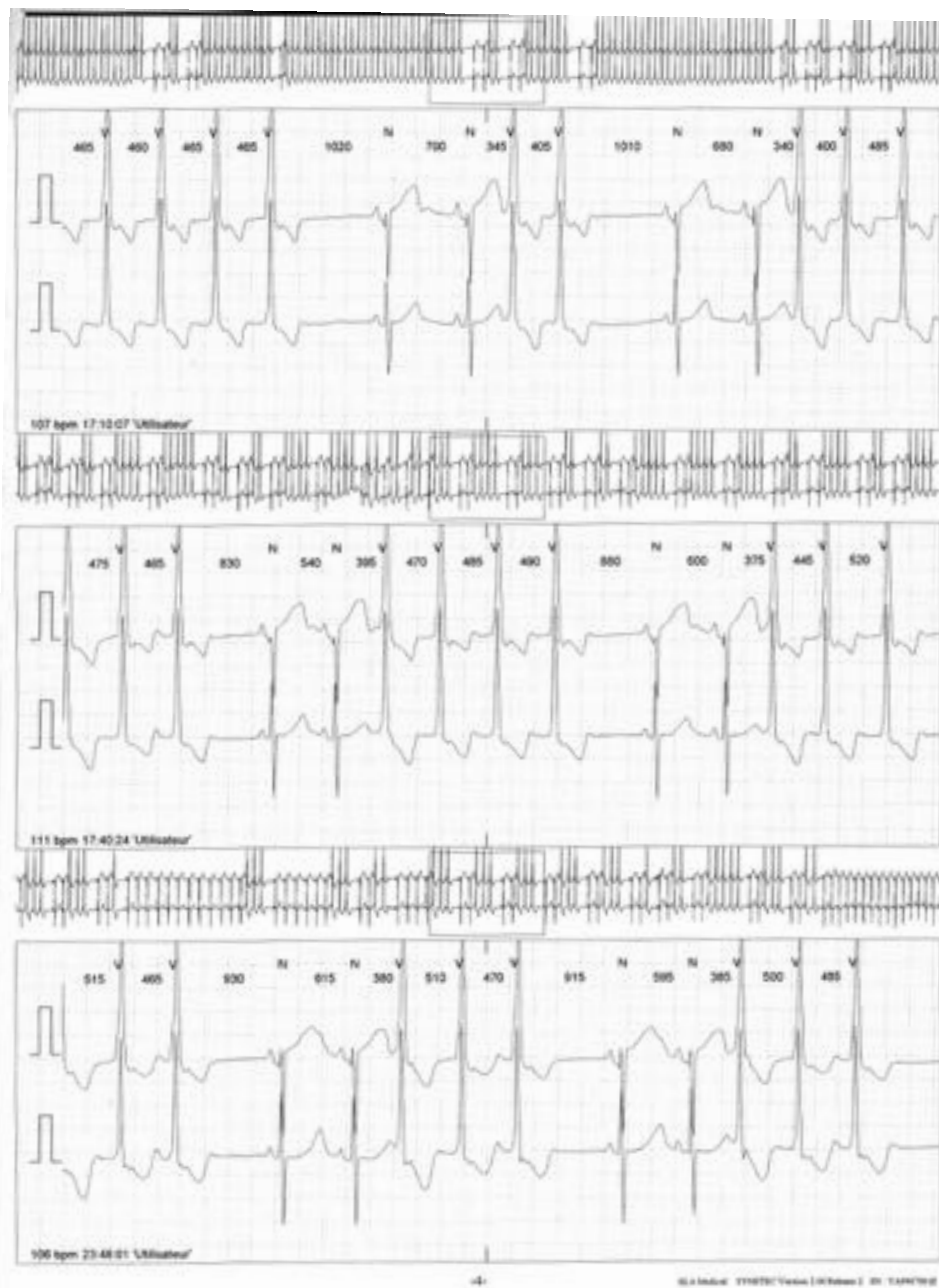
25 mm/s

10 mm/mV

aVR F₄ 0.15 Hz = 40 Hz

aVR

CI



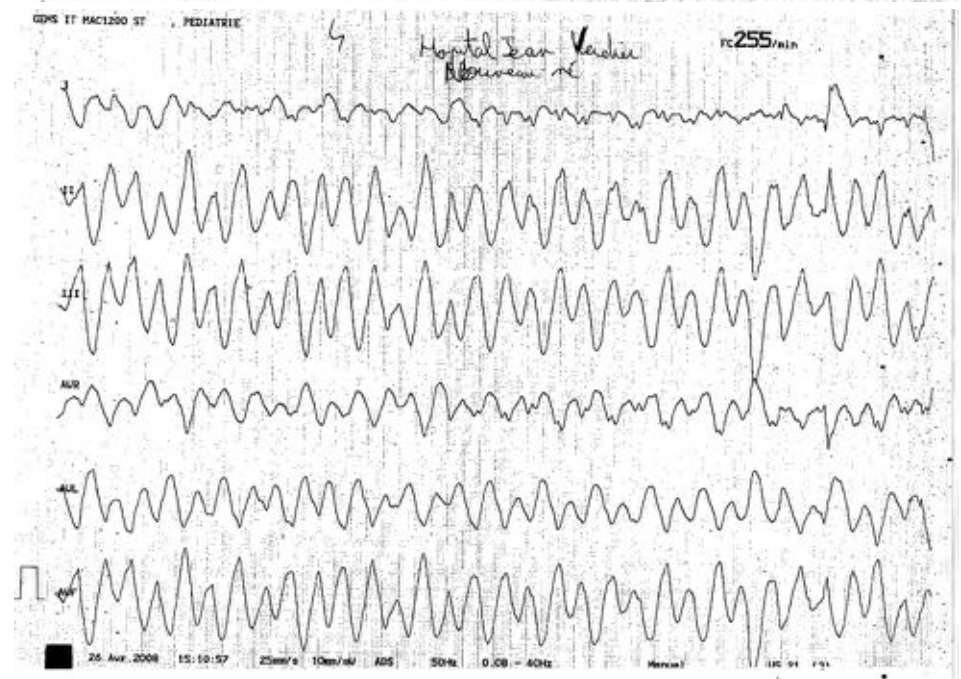
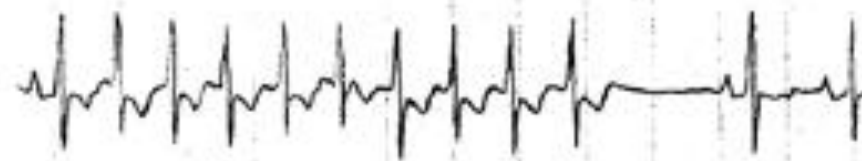
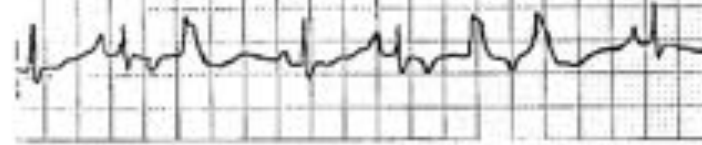
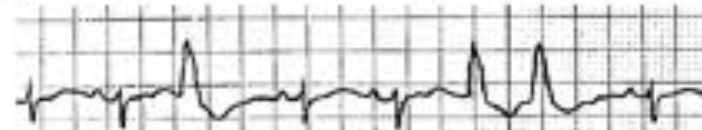
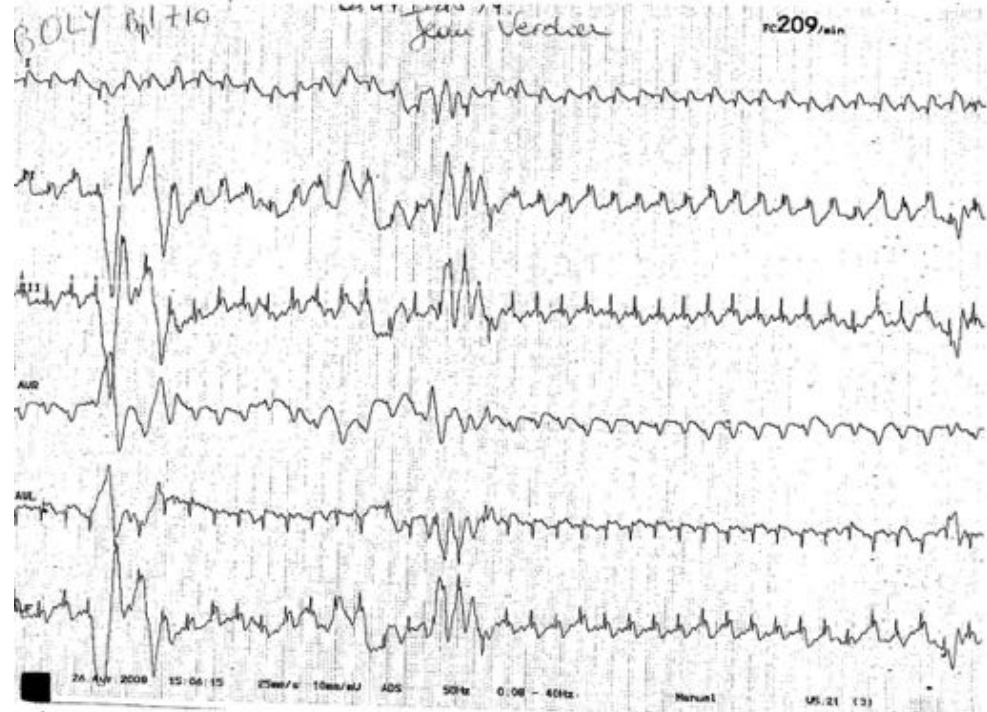
-4-

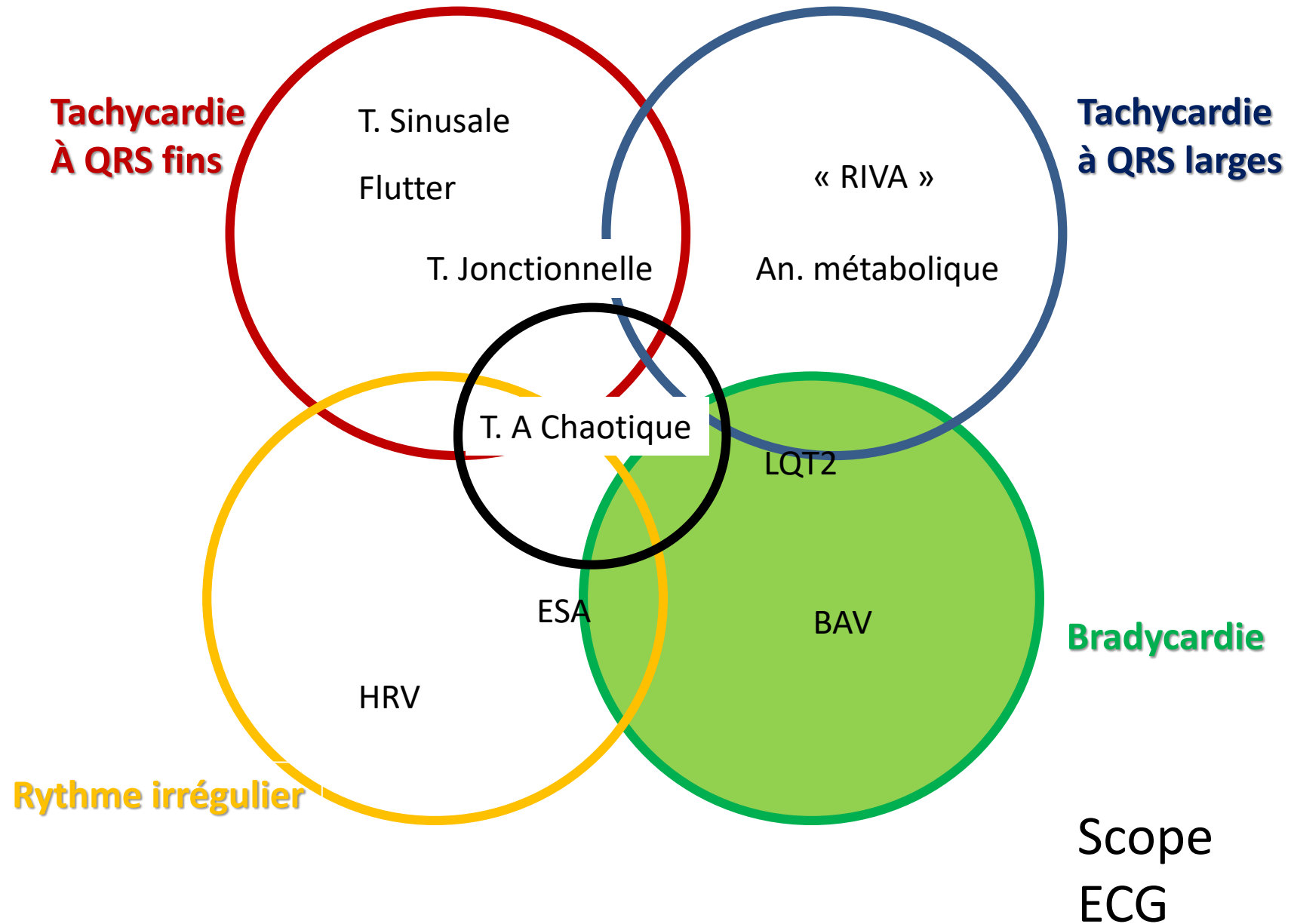
ELA-Medix STHEC/Version 1.0 Release 2.00 1/1/2012

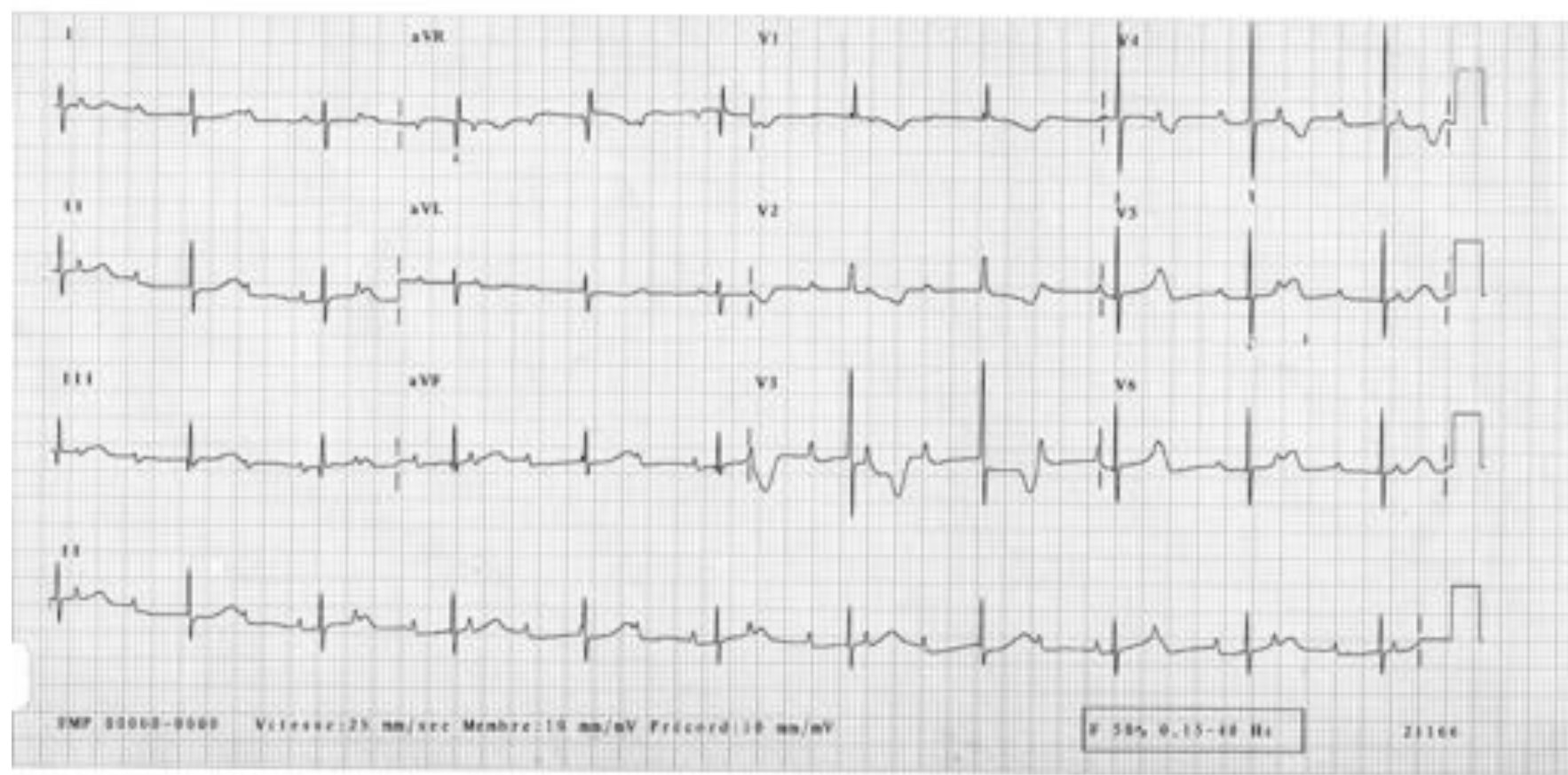


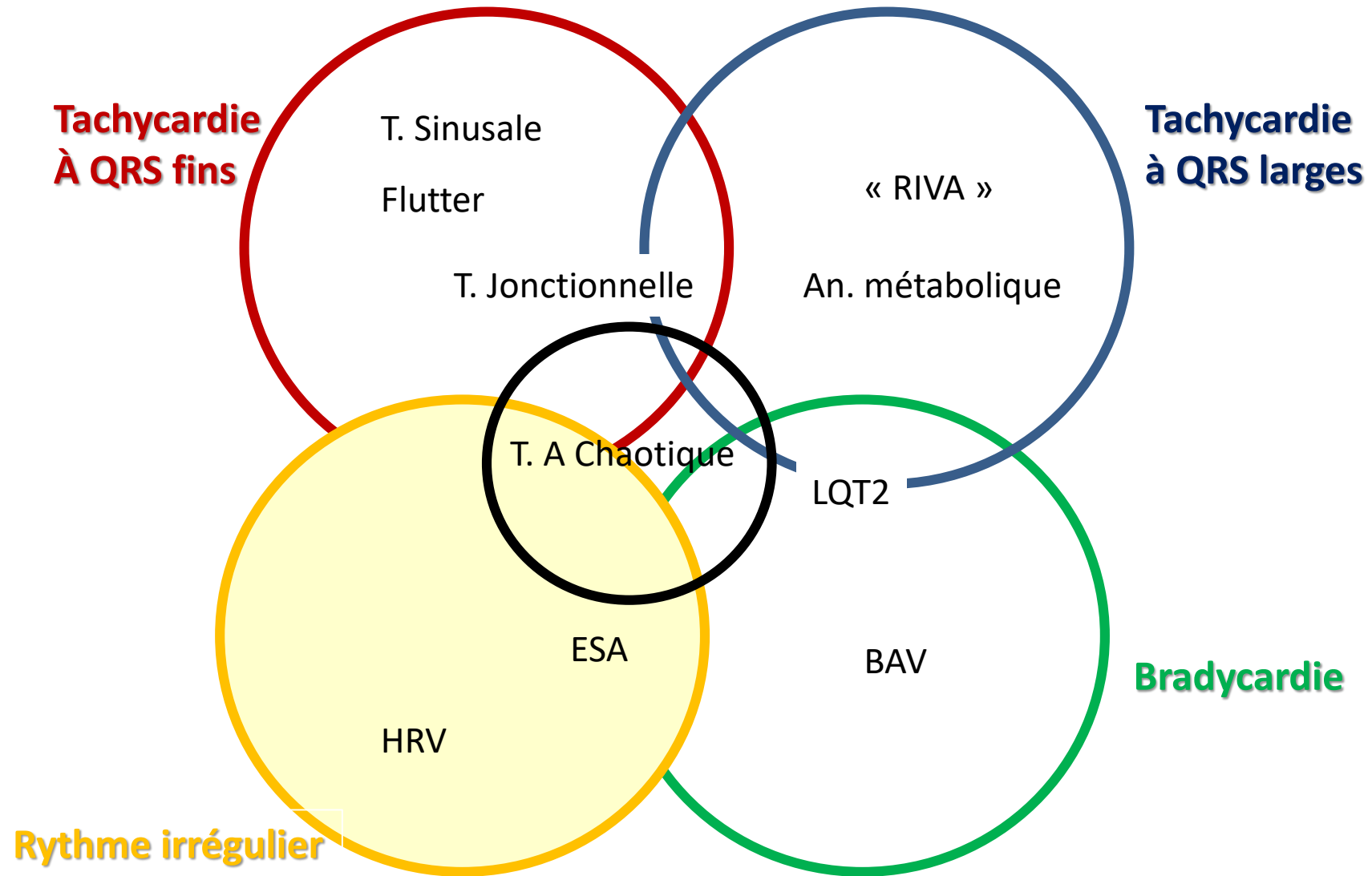
-5-

ELA-Medix STHEC/Version 1.0 Release 2.00 1/1/2012







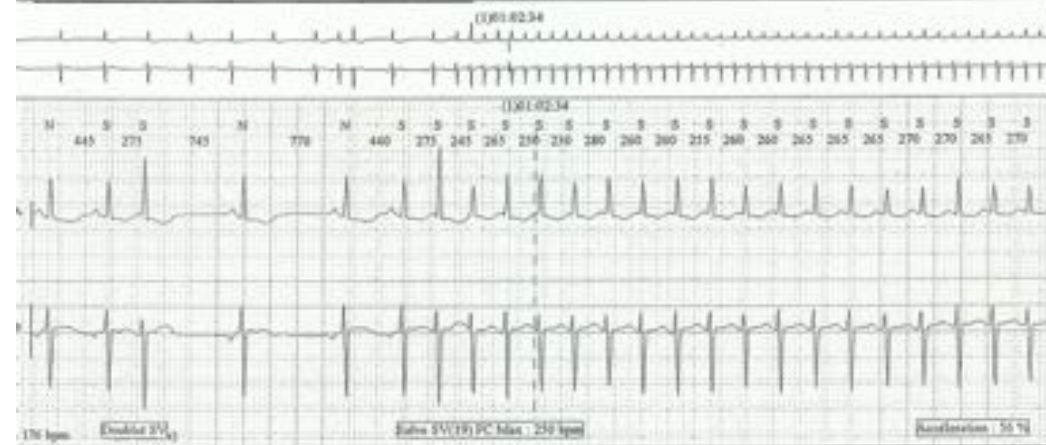
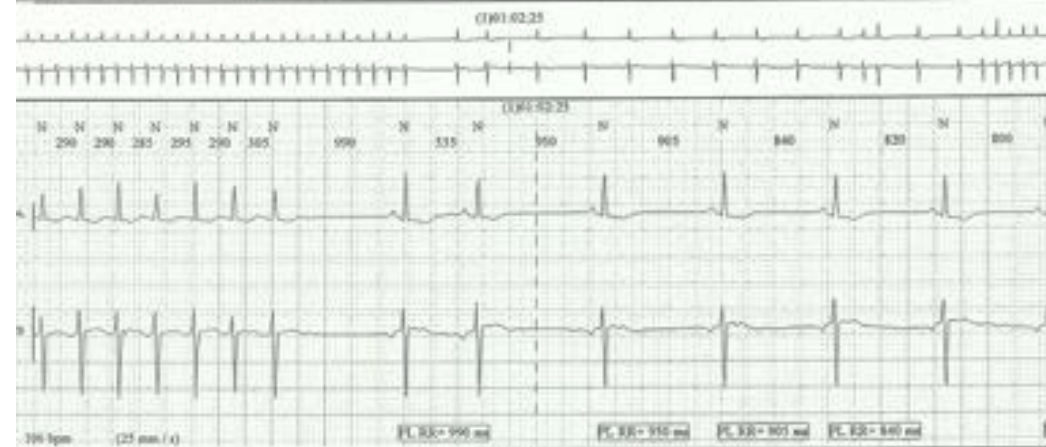
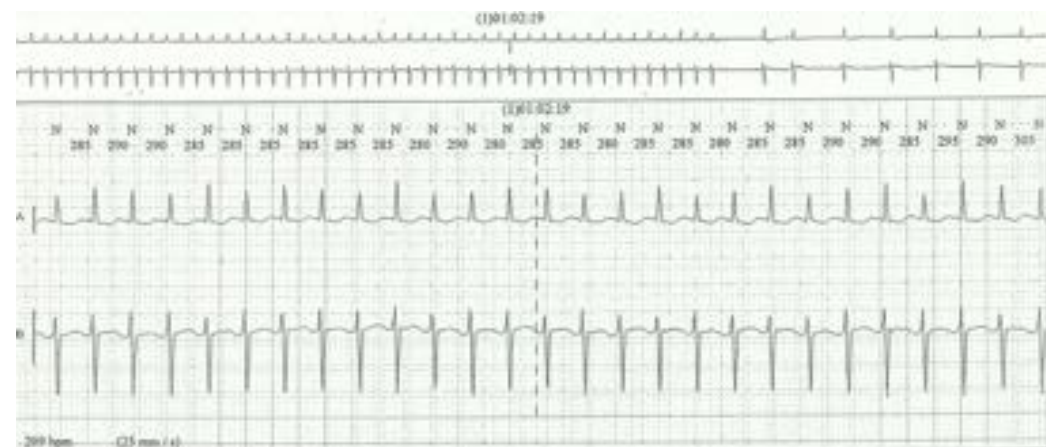


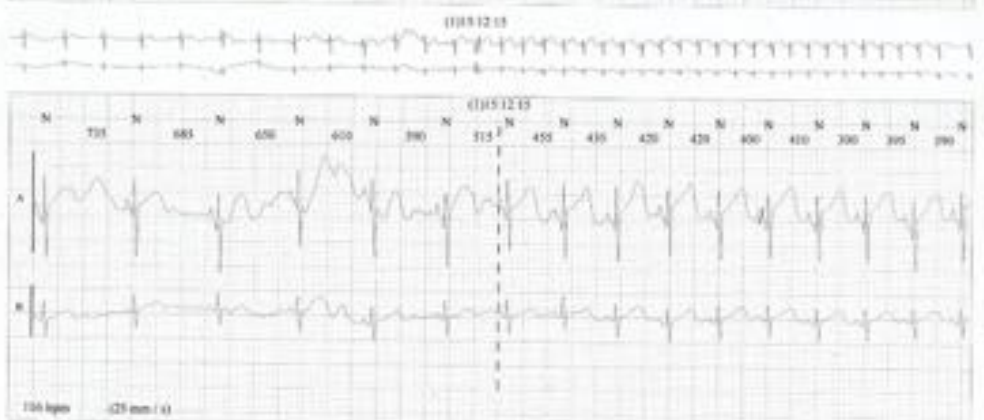


50mV

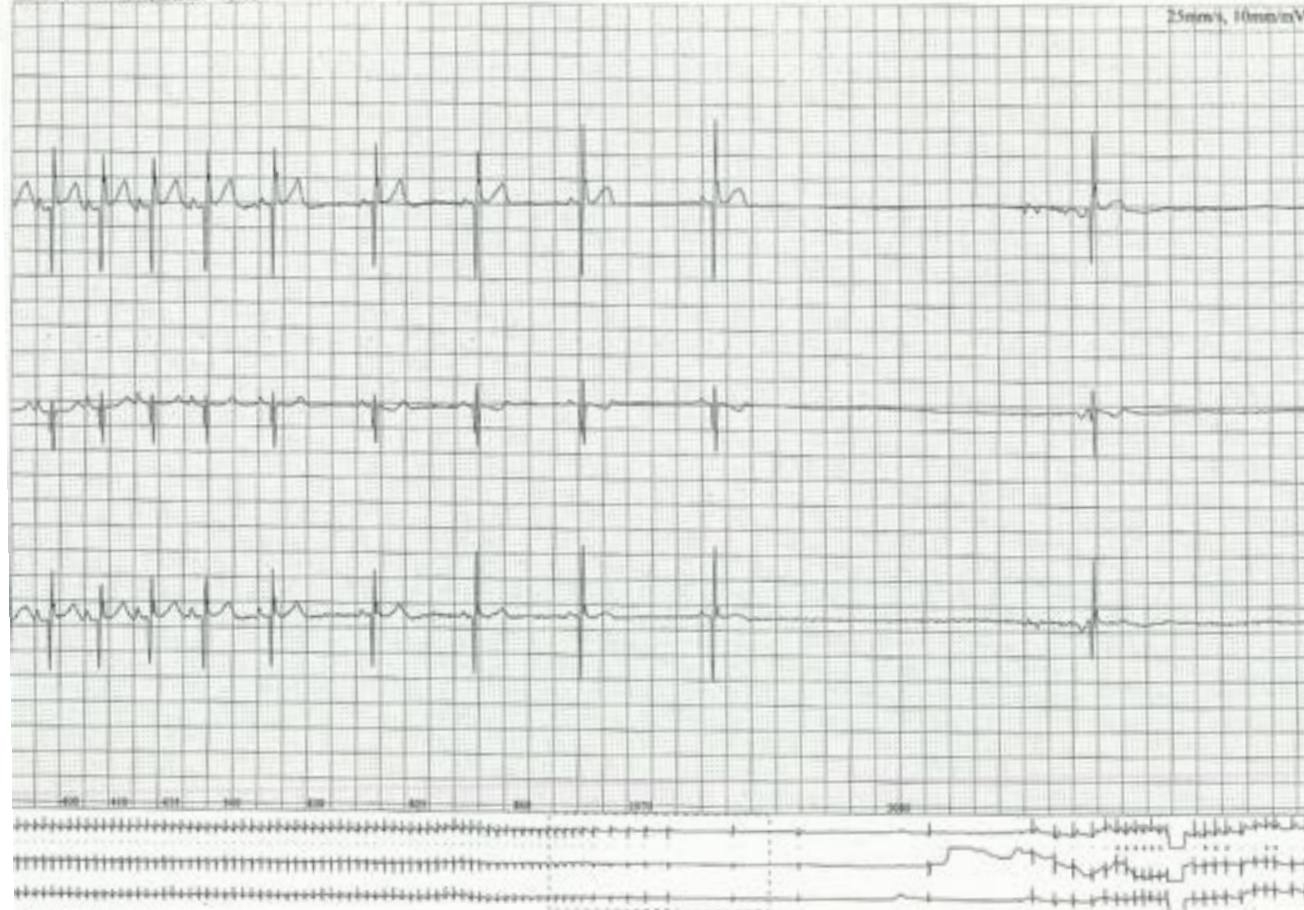
Supplied to 25.10.2011 10:30:14 L&R 2012/2013

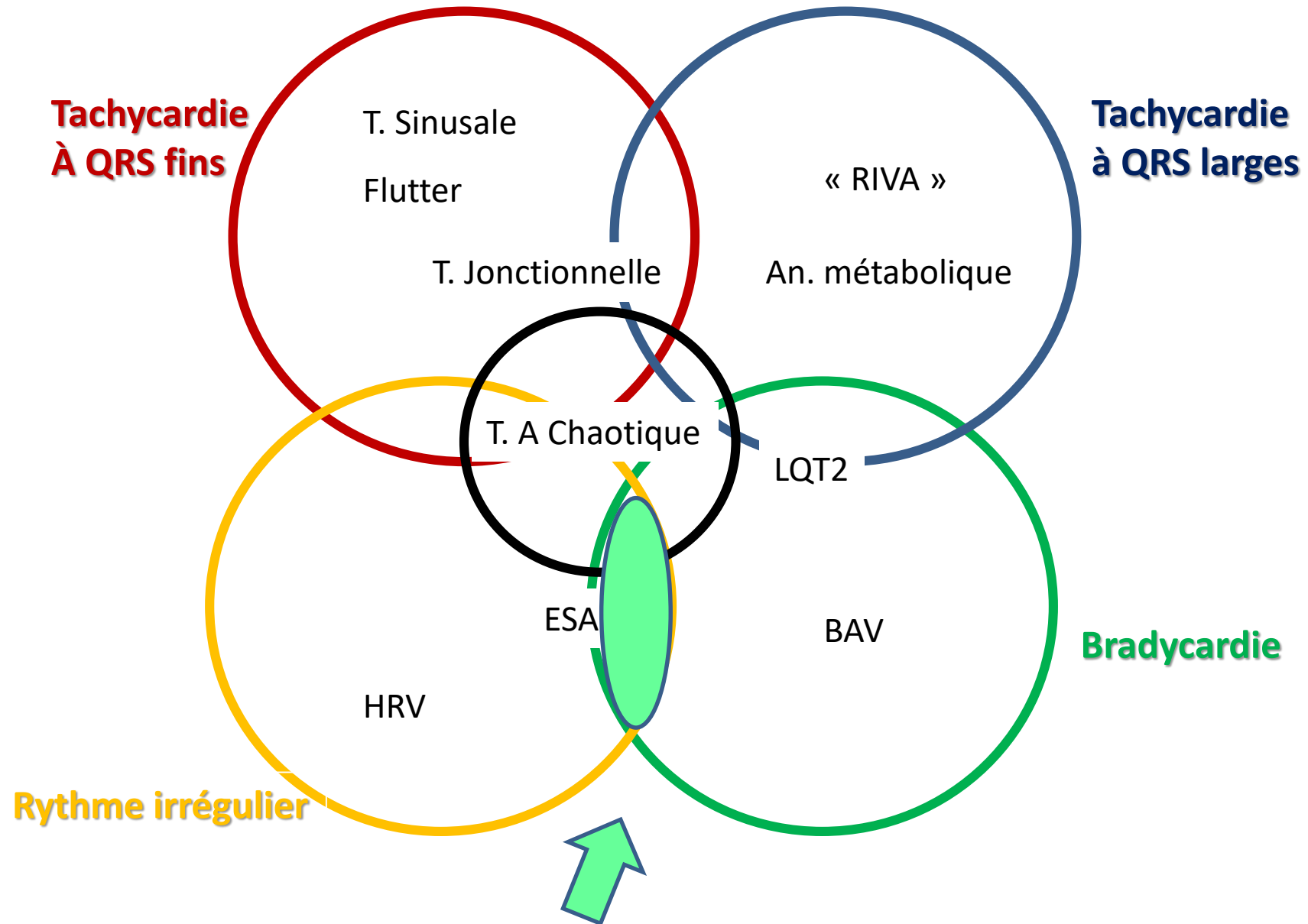
Reynolds Medical Cardiac Science (P) Ltd





18:16:09.41 Pauses; Durée = 3,08s





20.05.2019 19:53:19

CHC Online
Rita Mervola
CHC/EL

Lead II
Lead III
Lead aVR
Lead aVL
Lead aVF
Lead V1
Lead V2
Lead V3
Lead V4
Lead V5
Lead V6

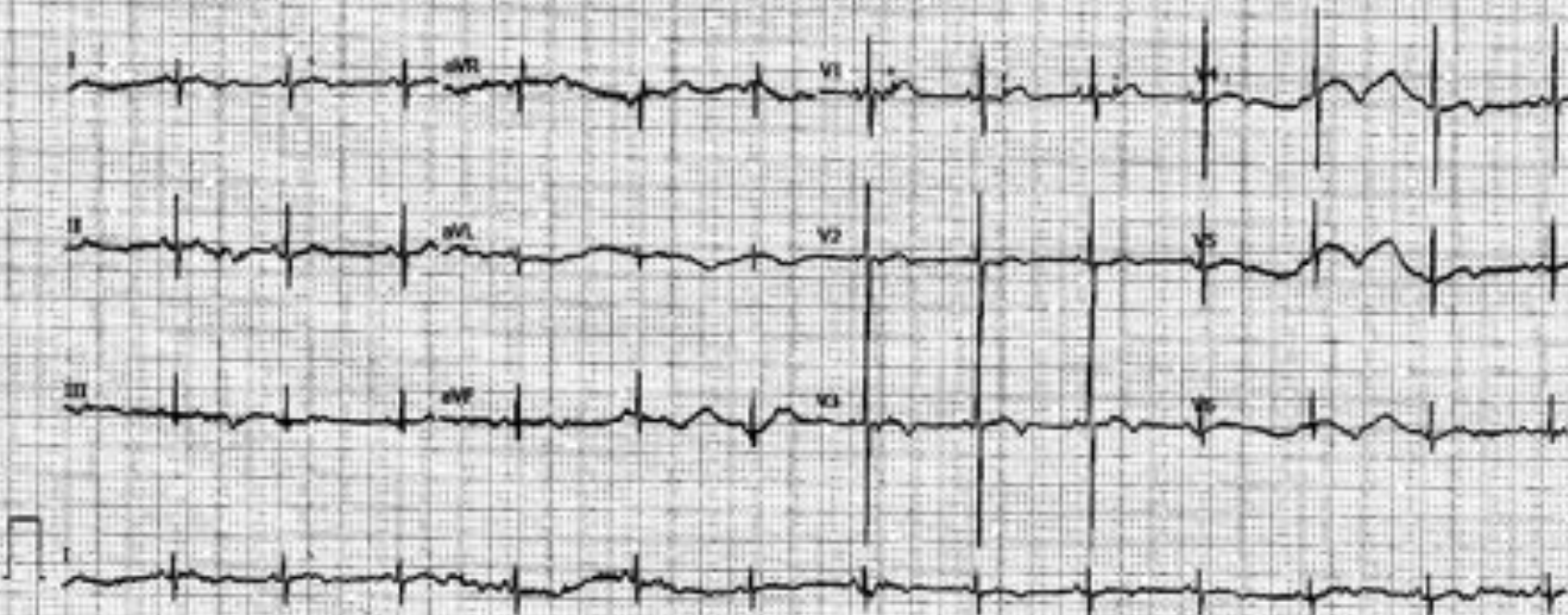
Chamber

79/min
-- / -- mmHg

Model: 12000000 12-lead

ECG lead I
ECG lead II
ECG lead III
ECG lead aVR
ECG lead aVL
ECG lead aVF
ECG lead V1
ECG lead V2
ECG lead V3
ECG lead V4
ECG lead V5
ECG lead V6

QRS: 58 ms
QT / QTc: 338 / 387 ms
PQ: 100 ms
P: 82 ms
PRP: 702 / 759 ms
PRQRS: 51 / 93 / 79 degrees



N° de l'examen: 127000000

N° de l'examen: 127000000

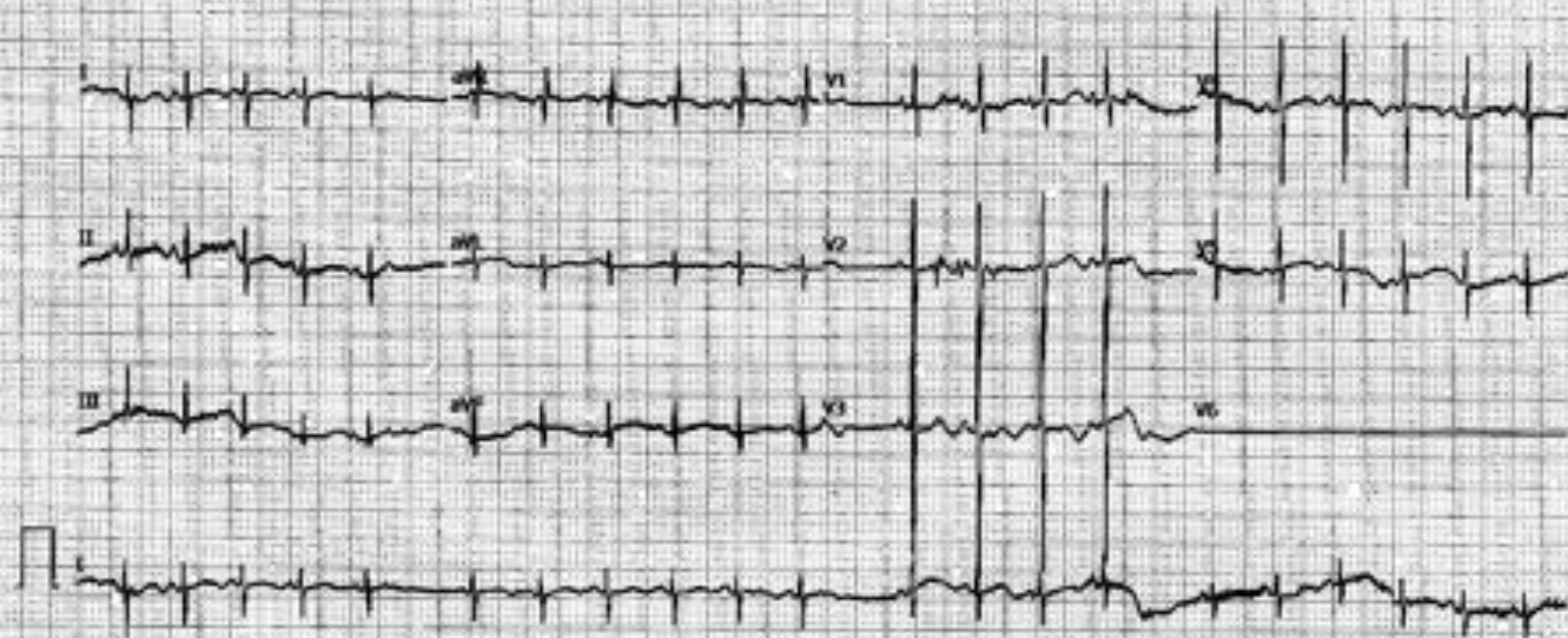
N° de l'examen: 127000000

CSC Clinic

Rue Nationale

CRETE

QRS : 58 ms
 QT / QTc : 370 / 537 ms
 PQ : 96 ms
 P : 72 ms
 RTWP : 472 / 472 ms
 PQRS/T : 38 / 117 / 56 degrés



Hadi, Mustafa, Mohamed

20.05.2019 21:13:49

Clinic: Card
EKG: Standard
CRTELL

Lead: I
Lead: II
Lead: III
Lead: aVR
Lead: aVL
Lead: aVF
Lead: V1
Lead: V2
Lead: V3
Lead: V4
Lead: V5
Lead: V6

Channel:

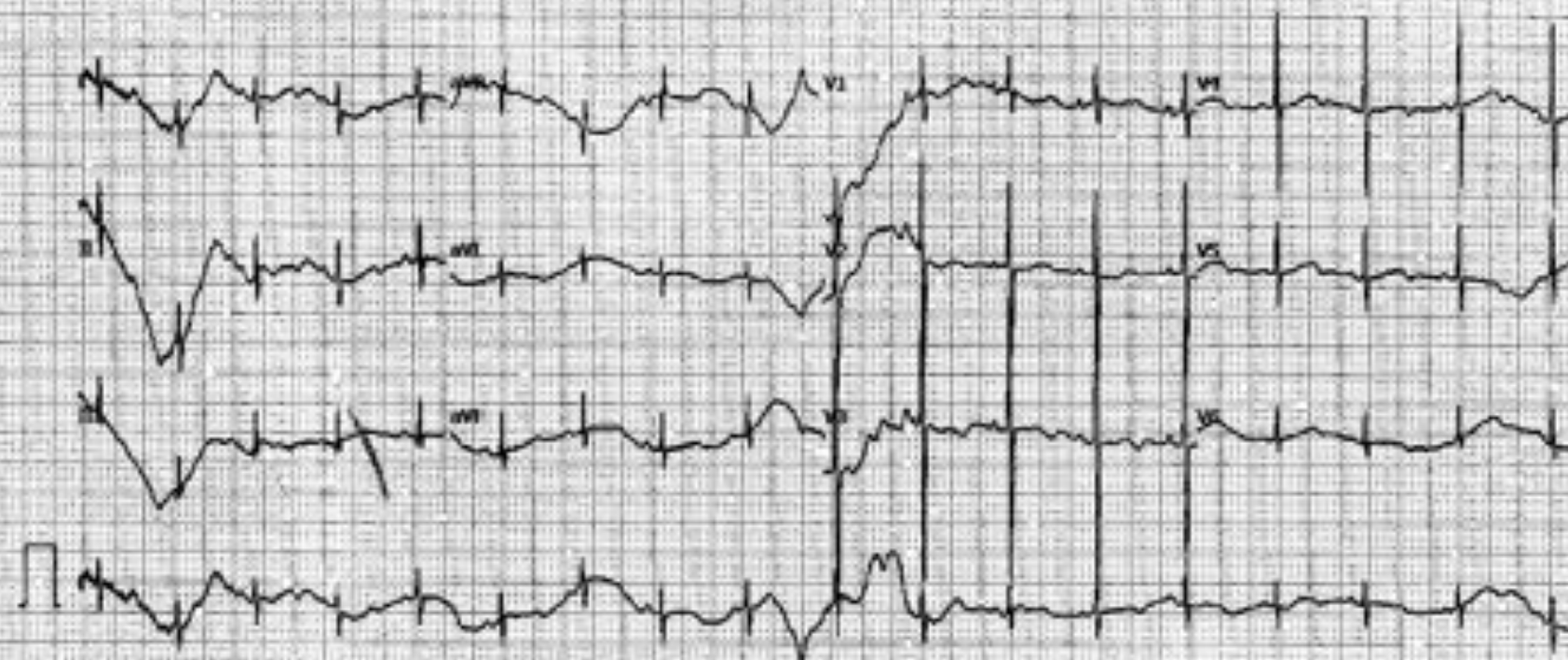
105 /min
- / - mmHg

Age: 30 years
Sex: M

ECG

ECG: Standard
ECG: Standard
ECG: Standard

QRS: 58 ms
QT / QTc: 394 / 441 ms
PR: 126 ms
P: 74 ms
PRP: 572 / 571 ms
PRCST: 45 / 50 / 43 degrees



GE MAC2000

L1

12SL v241

25 mm/s 10 mm/mV

AD5 0.56-150 Hz 50 Hz

Non valid

4x2.5x3_25_R1

1/1

21.05.2019 12:42 SE: SAKCHrescriptions

9.10.15.102258

9.10.15.1008

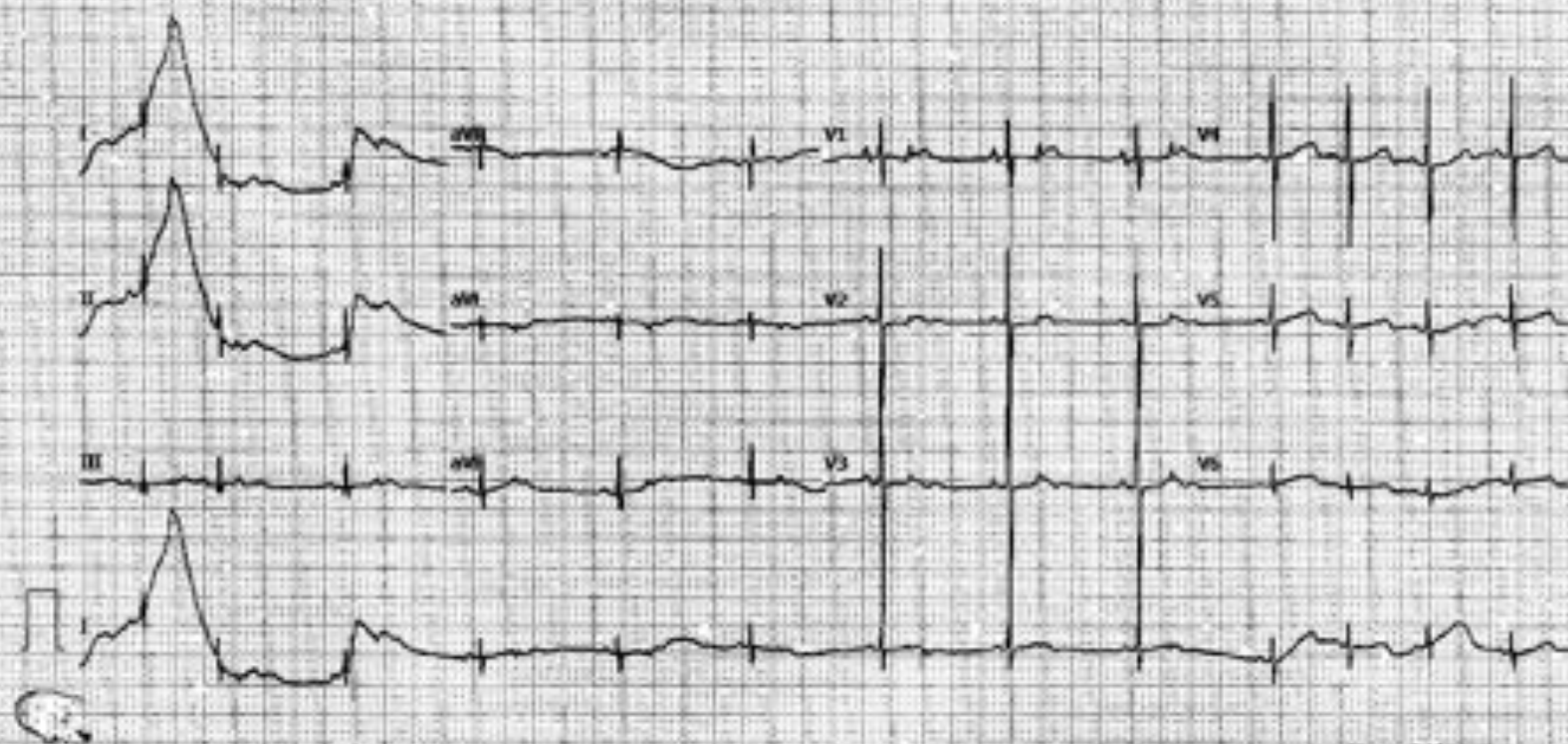
20.05.2019 21:16:06

DRG-Center
St. Nikolaus
GRIFFLokale
Nur für die
Ver-
breitung
Nicht
Nicht
Nicht

Chambre

78/min
- / - mmHgBIOGRAPHIC 12-12
12-12Lokale
Nur für die
Ver-
breitung
Nicht
Nicht
Nicht

QRS 58 ms
QT / QTc 382 / 433 ms
PQ 102 ms
P 82 ms
RS/PP 714 / 769 ms
pQRS/T 46 / 58 / 74 degrees



GE MAC2000

L1

125 mm v241

25 mm/s 10 mm/mV

AD5 0.56 150 Hz 50 Hz

Non valid

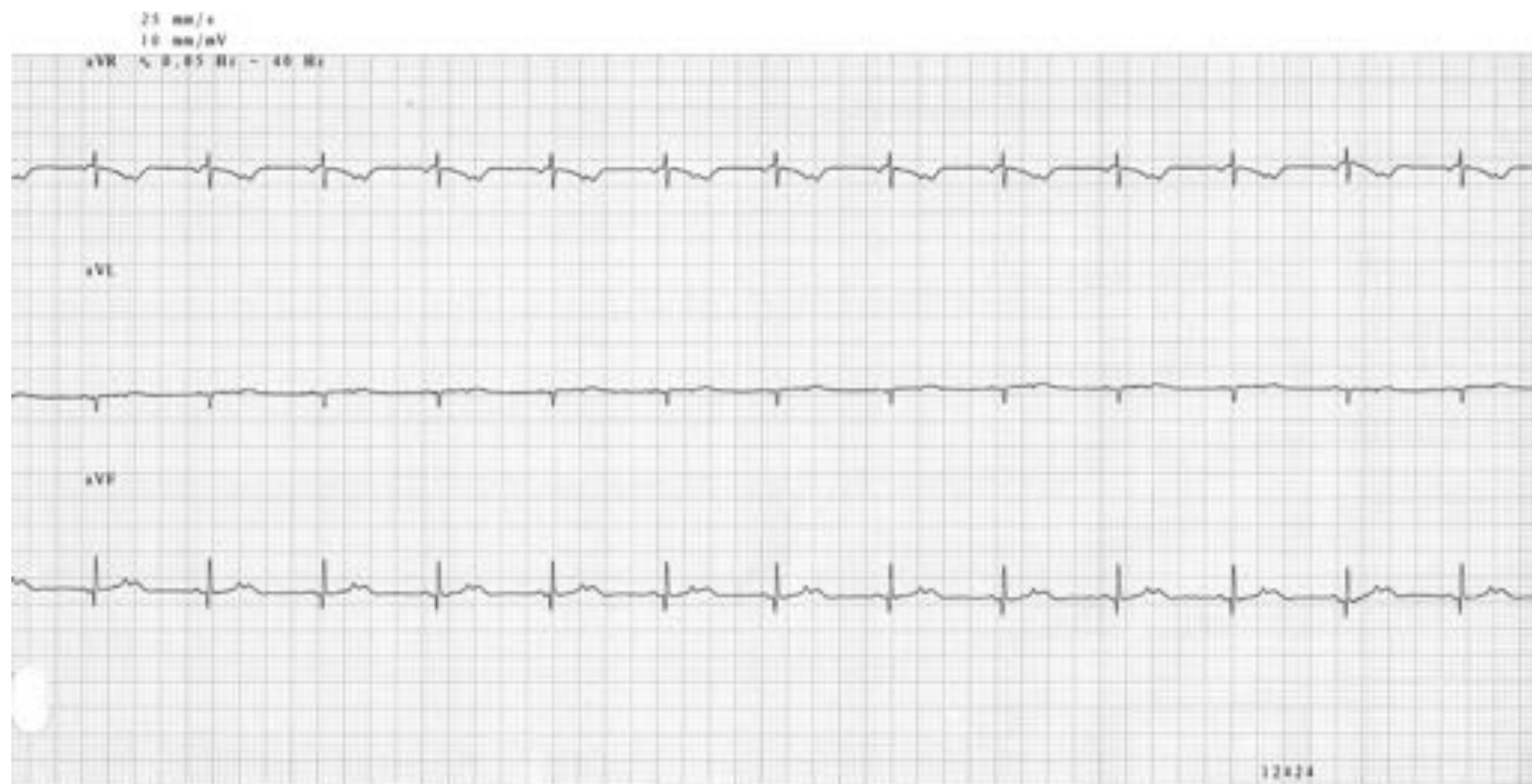
802.510_25_01

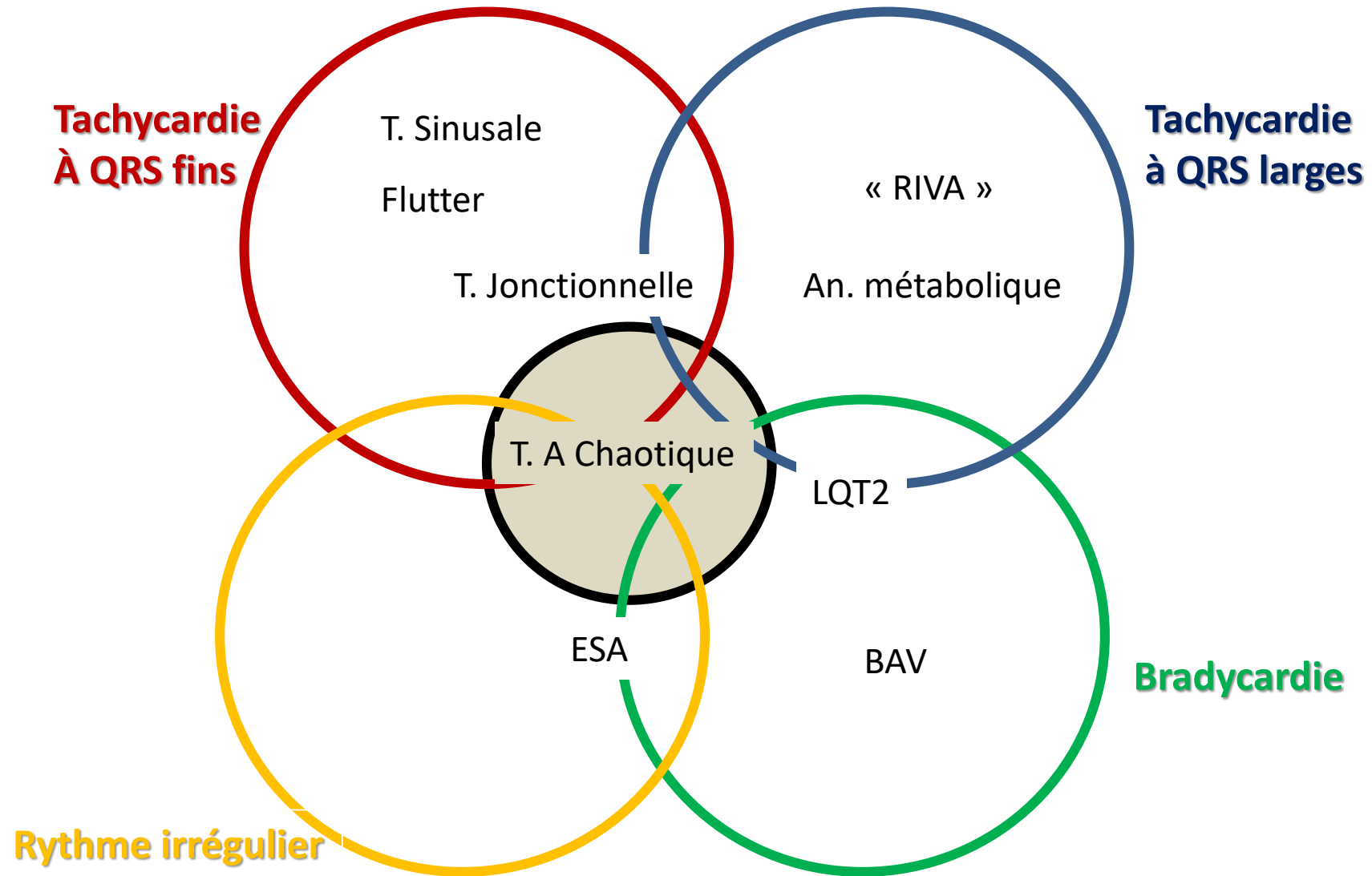
1/1

21.05.2019 12:43 SE156CDrescription

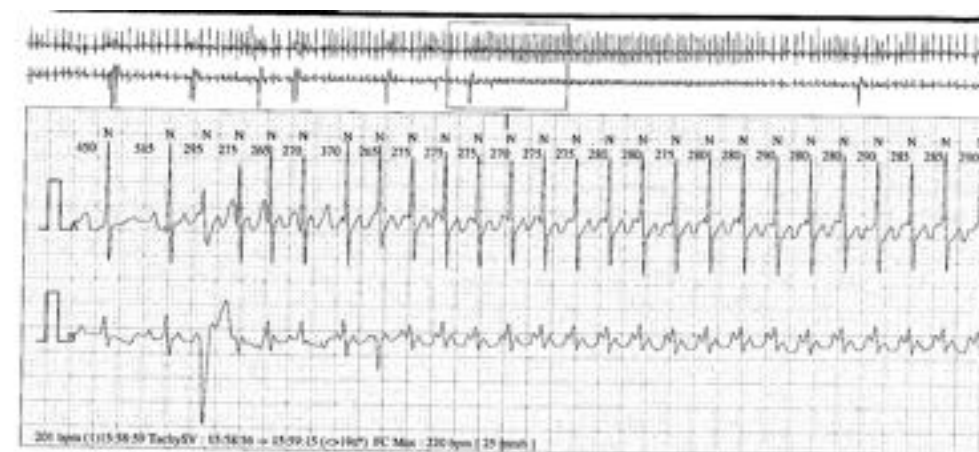
F000302258

P 006006

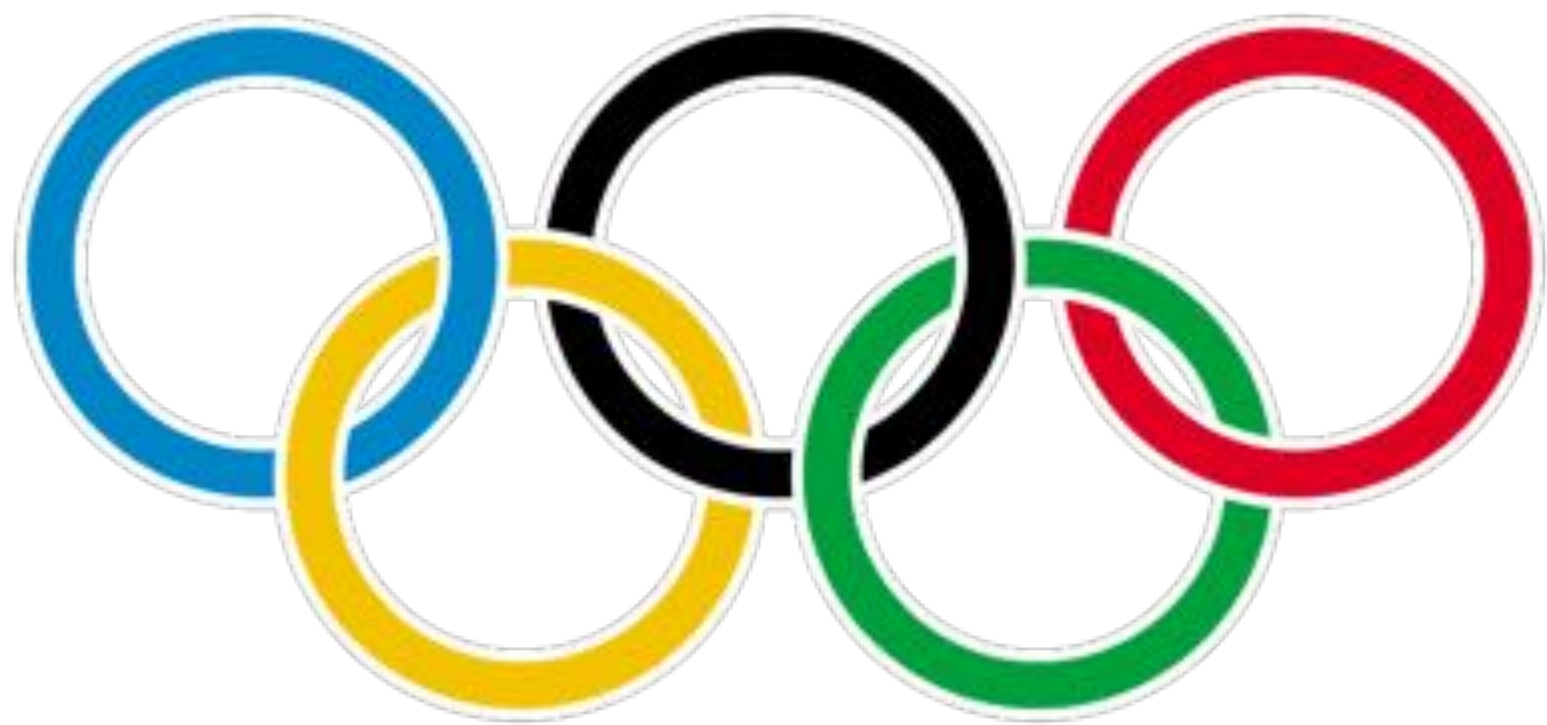


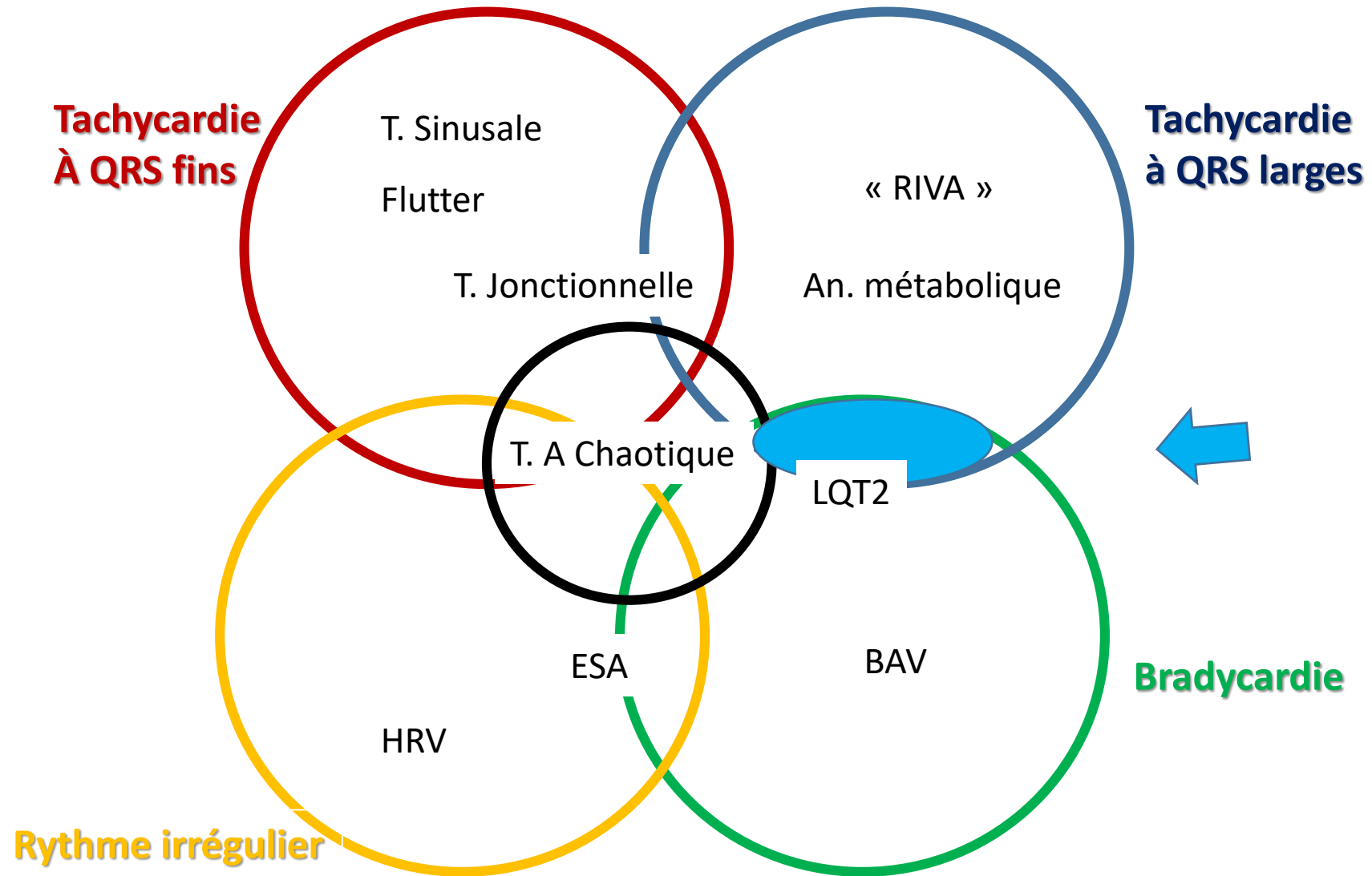












Cas clinique Aline

FC 98
 PR 148
 QRSD 46
 QT 190
 QTc 242

--Ave--

P 52
 QRS 131
 T 51

