B-CAR

Belgium Cardiac Arrest Registry From 2017 to 31 march 2021

BRC site presentation

Total patient

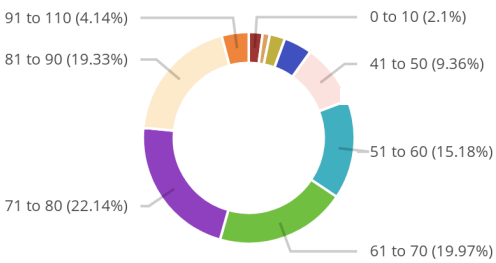
3,420

M/F

Average age

65

age range

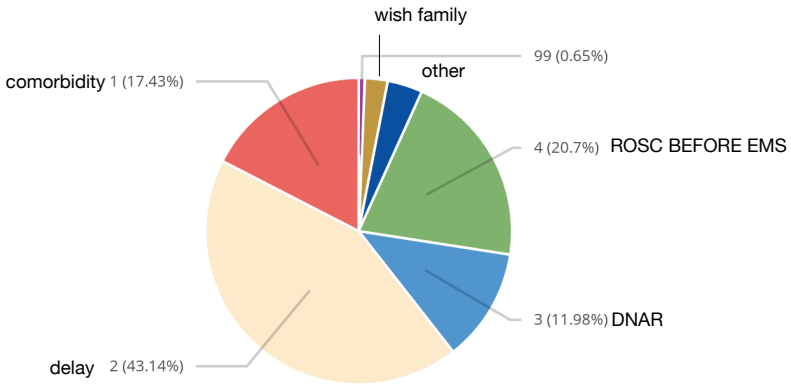


No ALS no ROSC before

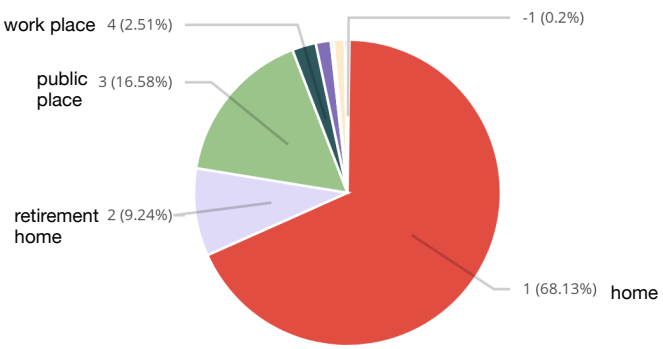
364

11%

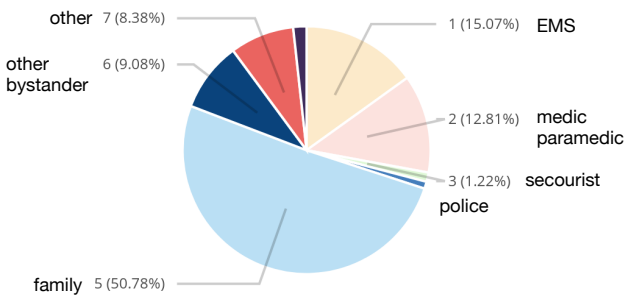
no ALS reason -1 comorbidity -2 to late -3 DNAR 4-ROSC before 5-other 6-wish family



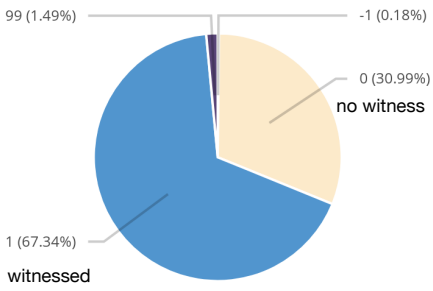
(CP) location of cardiac arrest (1 home - 2 retirement home - 3 public place - 4 Work place - 5 Health care place - 6 School - 7 EMS transportation)



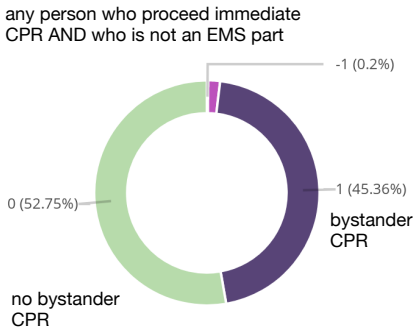
(QR) witness 1 EMS 2 Medic paramedic 3 secourist 4 Police 5 family 6 bystander other 7 other



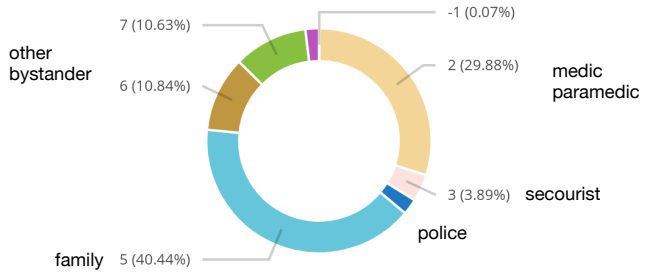
(QR) Witnessed blue Y yellow N



bystander CPR green no dark yes



Who is the bystander CPR 2- medic-paramedic-3 secouristes 4- police 5 family 6 anybody 7 other



Patients with first rhythm defibrillated by AED

481

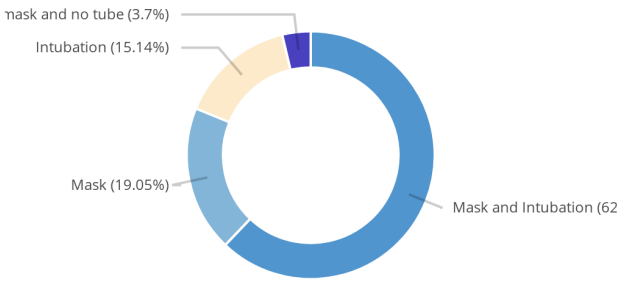
global defibrilated rythm

709

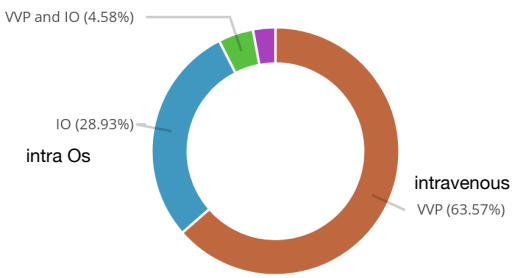
Patients with first rythme defibrillated by SMUR

228

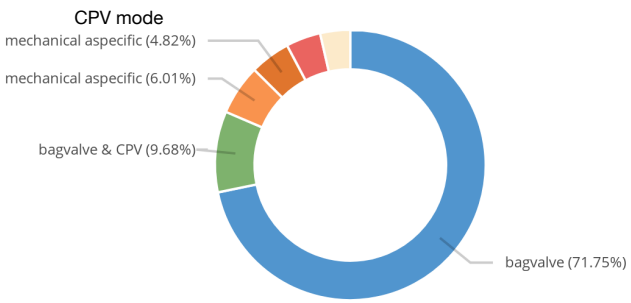
airway management



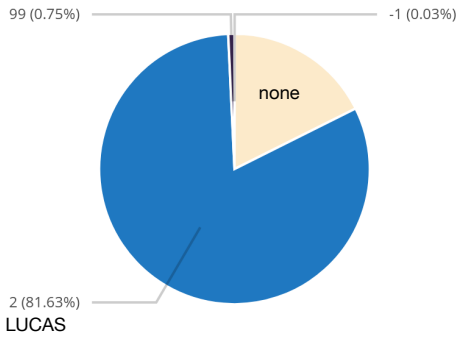
IV management script field



ventilation mode



Automatic CC 1 none 2 LUCAS 3 Autopuls 4 corpuls CPR 5 other



ROSC>20min

1,012

30%

number of hospital admission

1,499

44%

Survival Hospital

389

11%

survived hospital discharge over the 3420

Survival 30D

339

10%

survived 30 days after CA over the 3420

Center selection

Center

Select...

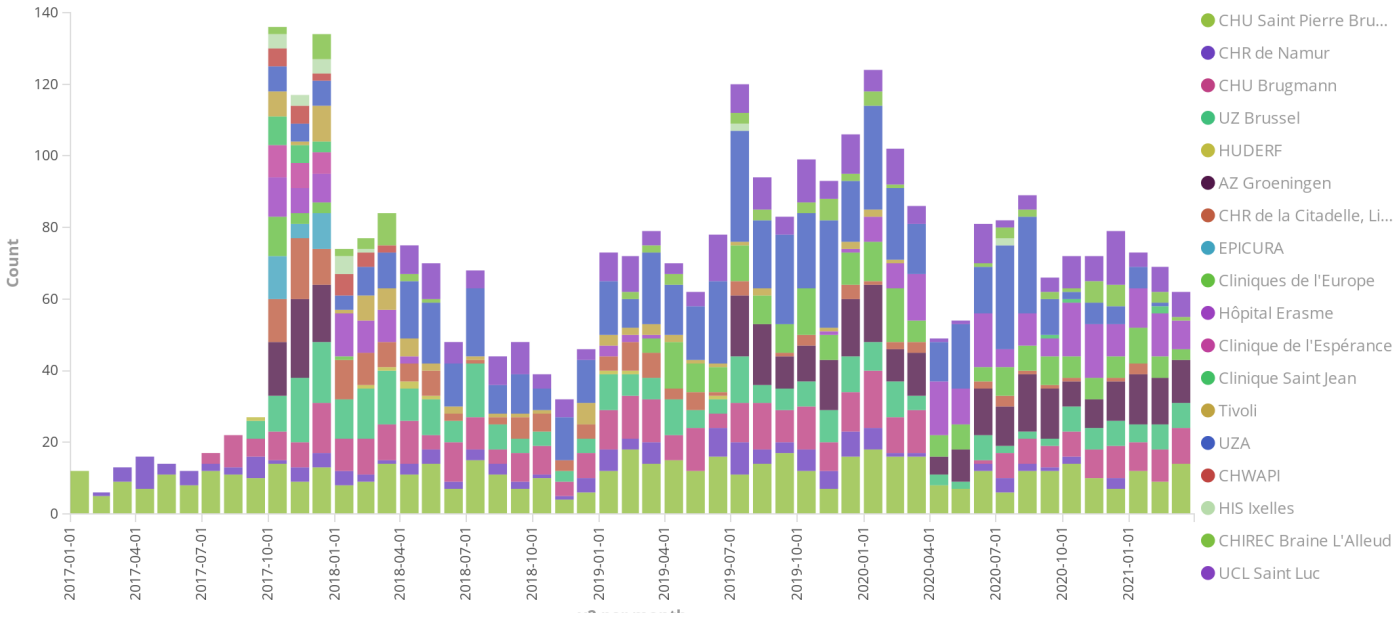
outcome hospital missing

99

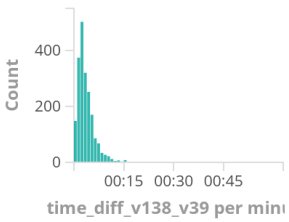
outcome 30D missing

120

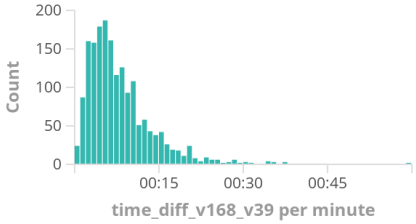
(CP) monthly inclusion



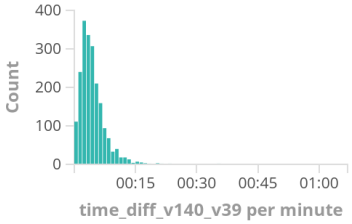
time to perfusion



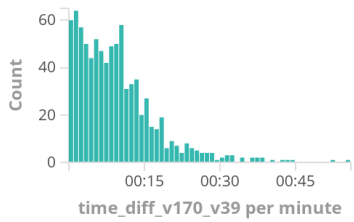
time to intubation



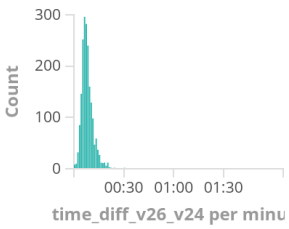
time to drugs



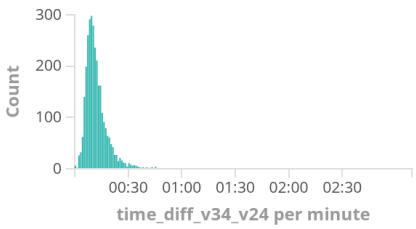
time to mechanical compression



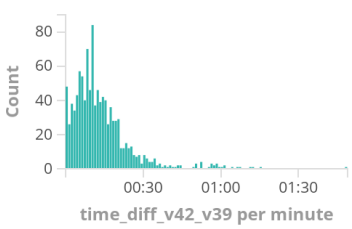
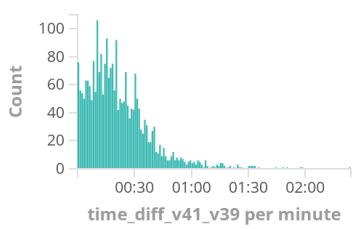
time from call to ambulanc...



time from call to smur on site



time from CPR to ROSC



time from CPR to stop CPR