










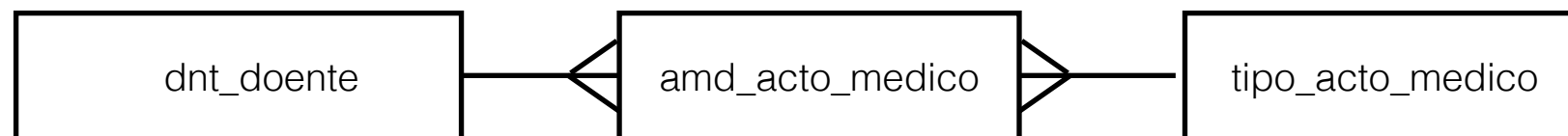


>  amd\_acto\_medico  
 >  amd\_tipo\_acto\_medico  
 >  dnt\_doente  
 >  rmt\_device  
 >  rmt\_device\_type  
 >  rmt\_device\_type\_measure\_type  
 >  rmt\_end\_measure  
 >  rmt\_measure  
 >  rmt\_measure\_type  
 >  rmt\_measure\_type\_pt  
 >  rmt\_medical\_act\_device





Doentes

```
select count(*) from dnt_doente
```

473

Tipos de acto médico

```
select * from amd_tipo_acto_medico
```

	codigo	tipo_acto_medico	descricao
▶	423	100	reabilitação cardíaca
	741	125	prova de marcha
	781	7	monotorização remota

Numero de actos médicos por tipo

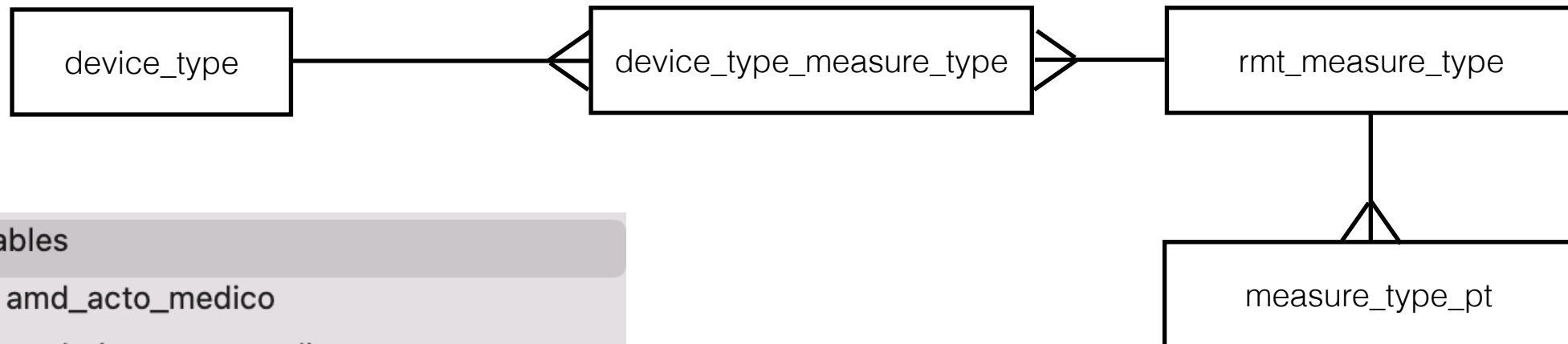
```
select tipo_acto_medico, count(*)  
from amd_acto_medico  
group by tipo_acto_medico
```

tipo_acto_medico	count(*)
423	10212
741	159
781	20

## Doentes em monitorização remota (os 20)

```
select *
from dnt_doente
inner join amd_acto_medico on dnt_doente.codigo=amd_acto_medico.doente
where amd_acto_medico.tipo_acto_medico = 781
```

	codigo	sexo	data_nascimento	falecido	codigo	doente	tipo_a
►	139678	M	1995-01-17	N	841982	139678	781
	125759	M	2067-07-30	S	841983	125759	781
	21935	M	2044-02-14	S	841984	21935	781
	138646	M	1975-04-22	S	841985	138646	781
	144844	M	1972-03-14	N	841986	144844	781
	80798	M	2064-10-06	N	841987	80798	781
	132762	M	2068-09-17	N	841988	132762	781
	137904	M	2058-07-15	N	841989	137904	781
	139121	M	2060-05-20	N	841990	139121	781
	9880	M	2052-06-15	N	841991	9880	781
	67903	M	1974-05-08	S	841992	67903	781
	152301	M	2045-06-29	N	841993	152301	781
	31886	M	2042-10-21	N	841994	31886	781
	144140	M	2054-08-24	N	841995	144140	781
	48615	M	2041-05-12	N	841996	48615	781
	104694	M	2063-02-15	N	841997	104694	781
	126985	M	1986-11-28	N	868511	126985	781
	69472	M	2056-05-30	N	869628	69472	781
	25419	M	2038-09-02	N	872527	25419	781
	23155	M	2057-04-07	N	874681	23155	781



Tables

>	amd_acto_medico
>	amd_tipo_acto_medico
>	dnt_doente
>	rmt_device
>	rmt_device_type
>	rmt_device_type_measure_type
>	rmt_end_measure
>	rmt_measure
>	rmt_measure_type
>	rmt_measure_type_pt
>	rmt_medical_act_device

## Tipos de medidas

select \* from rmt\_measure\_type

id	description	unit
1	Heart Rate	bpm
2	Steps	#
3	Distance	m
4	Calories	kcal
5	Sleep State	#
6	Soft	s
7	Moderate	s
8	Intense	s
9	Total Calories	kcal
10	Metcumul	?
11	Intensity	?
12	HR Average	bpm
13	HR Min	bpm
14	HR Max	bpm
15	HR Zone 0	?
16	HR Zone 1	?
17	HR Zone 2	?
18	HR Zone 3	?
19	Diastolic Blood Pressure	mmHg
20	Systolic Blood Pressure	mmHg
21	Weight	kg
22	Fat Free Mass	kg
23	Fat Ratio	%
24	Fat Mass	kg
25	Muscle Mass	kg
26	Hydration	%
27	Bone Mass	kg
28	Pulse Wave Velocity	m/s
29	Height	m
30	Peripheral Oxygen Saturation	%

measure_type	description
29	Altura
4	Calorias
3	Distância
5	Estado de sono
1	Frequência Cardíaca
14	Frequência Cardíaca Máxima
12	Frequência Cardíaca Média
13	Frequência Cardíaca Mínima
8	Intensa
11	Intensidade
6	Leve
24	Massa gorda
22	Massa magra
25	Massa muscular
27	Massa óssea
10	Metcumul
7	Moderada
2	Passos
26	Percentagem de água corporal
21	Peso
23	Rácio de gordura
30	Saturação Periférica de Oxigênio
19	Tensão Arterial Diastólica
20	Tensão Arterial Sistólica
9	Total de calorias
28	Velocidade de pulso
15	Zona 0 Frequência Cardíaca

↑  
rmt\_measure\_type\_pt

← rmt\_measure\_type

Tipos de dispositivo

```
select * from rmt_device_type
```

	id	description		
▶	6	Body Cardio	←	Balança
	3	Body+	←	Balança
	5	BPM	←	Medidor de tensão
	2	BPM+	←	Medidor de tensão
	7	Nonin 3150	←	Medidor de SpO2
	4	Samsung Galaxy J5	←	Telemóvel
	1	Steel HR	←	Relógio

## Tipos de medida por dispositivo

```
select * from rmt_device_type
```

```
inner join rmt_device_type_measure_type on rmt_device_type_measure_type.device_type = rmt_device_type.id
```

```
inner join rmt_measure_type on rmt_device_type_measure_type.measure_type = rmt_measure_type.id
```

	id	description	id	device_type	measure_type	id	description	unit
►	6	Body Cardio	34	6	21	21	Weight	kg
	6	Body Cardio	35	6	22	22	Fat Free Mass	kg
	6	Body Cardio	36	6	23	23	Fat Ratio	%
	6	Body Cardio	37	6	24	24	Fat Mass	kg
	6	Body Cardio	38	6	25	25	Muscle Mass	kg
	6	Body Cardio	39	6	26	26	Hydration	%
	6	Body Cardio	40	6	27	27	Bone Mass	kg
	6	Body Cardio	41	6	1	1	Heart Rate	bpm
	6	Body Cardio	42	6	28	28	Pulse Wave Velocity	m/s
	3	Body+	22	3	21	21	Weight	kg
	3	Body+	23	3	22	22	Fat Free Mass	kg
	3	Body+	24	3	23	23	Fat Ratio	%
	3	Body+	25	3	24	24	Fat Mass	kg
	3	Body+	26	3	25	25	Muscle Mass	kg
	3	Body+	27	3	26	26	Hydration	%
	3	Body+	28	3	27	27	Bone Mass	kg
	5	BPM	31	5	1	1	Heart Rate	bpm
	5	BPM	32	5	19	19	Diastolic Blood Pressure	mmHg
	5	BPM	33	5	20	20	Systolic Blood Pressure	mmHg
	2	BPM+	19	2	1	1	Heart Rate	bpm
	2	BPM+	20	2	19	19	Diastolic Blood Pressure	mmHg
	2	BPM+	21	2	20	20	Systolic Blood Pressure	mmHg
	7	Nonin 3150	43	7	1	1	Heart Rate	bpm
	7	Nonin 3150	44	7	30	30	Peripheral Oxygen Saturation	%
	4	Samsung...	29	4	1	1	Heart Rate	bpm
	4	Samsung...	30	4	29	29	Height	m



## Tipos de medida por dispositivo

```
select * from rmt_device_type
inner join rmt_device_type_measure_type on rmt_device_type_measure_type.device_type = rmt_device_type.id
inner join rmt_measure_type on rmt_device_type_measure_type.measure_type = rmt_measure_type.id
```

	description	description
►	Body Cardio	Weight
	Body Cardio	Fat Free Mass
	Body Cardio	Fat Ratio
	Body Cardio	Fat Mass
	Body Cardio	Muscle Mass
	Body Cardio	Hydration
	Body Cardio	Bone Mass
	Body Cardio	Heart Rate
	Body Cardio	Pulse Wave Velocity
	Body+	Weight
	Body+	Fat Free Mass
	Body+	Fat Ratio
	Body+	Fat Mass
	Body+	Muscle Mass
	Body+	Hydration
	Body+	Bone Mass
	BPM	Heart Rate
	BPM	Diastolic Blood Pressure
	BPM	Systolic Blood Pressure
	BPM+	Heart Rate
	BPM+	Diastolic Blood Pressure
	BPM+	Systolic Blood Pressure
	Nonin 3150	Heart Rate
	Nonin 3150	Peripheral Oxygen Saturation
	Samsung Galaxy J5	Heart Rate
	Samsung Galaxy J5	Height

Steel HR	Heart Rate
Steel HR	Steps
Steel HR	Distance
Steel HR	Calories
Steel HR	Sleep State
Steel HR	Soft
Steel HR	Moderate
Steel HR	Intense
Steel HR	Total Calories
Steel HR	Metcumul
Steel HR	Intensity
Steel HR	HR Average
Steel HR	HR Min
Steel HR	HR Max
Steel HR	HR Zone 0
Steel HR	HR Zone 1
Steel HR	HR Zone 2
Steel HR	HR Zone 3



