

PDA (Programadores do Amanhã)
Desenvolvedores Full-stack

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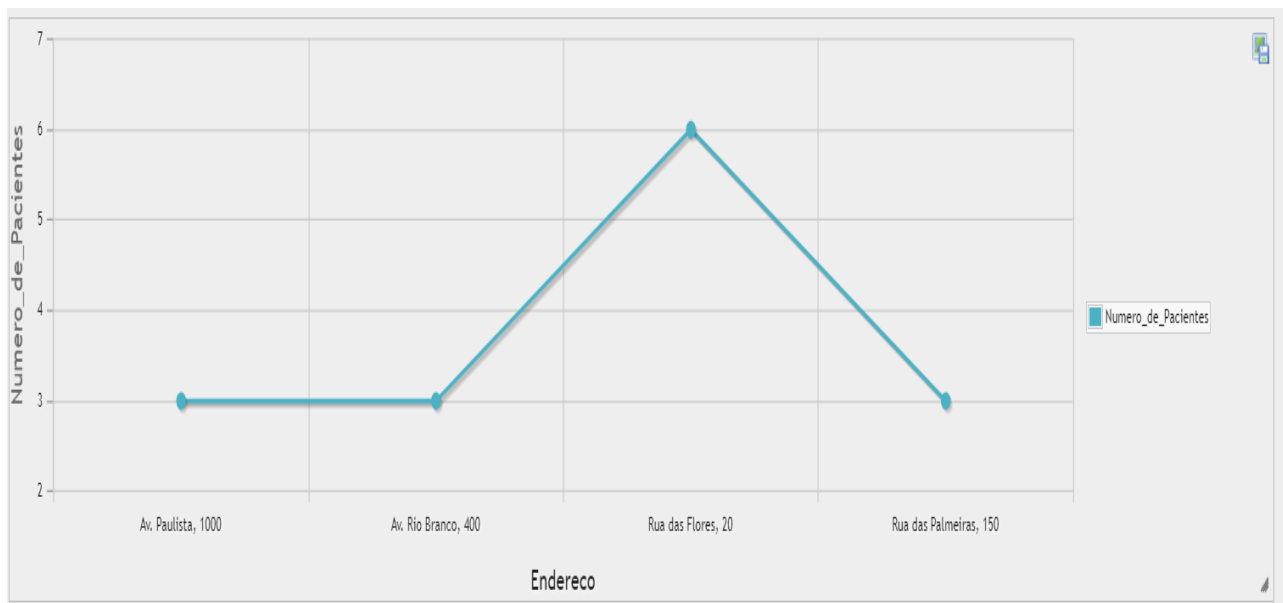
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Modulo III

06/2024

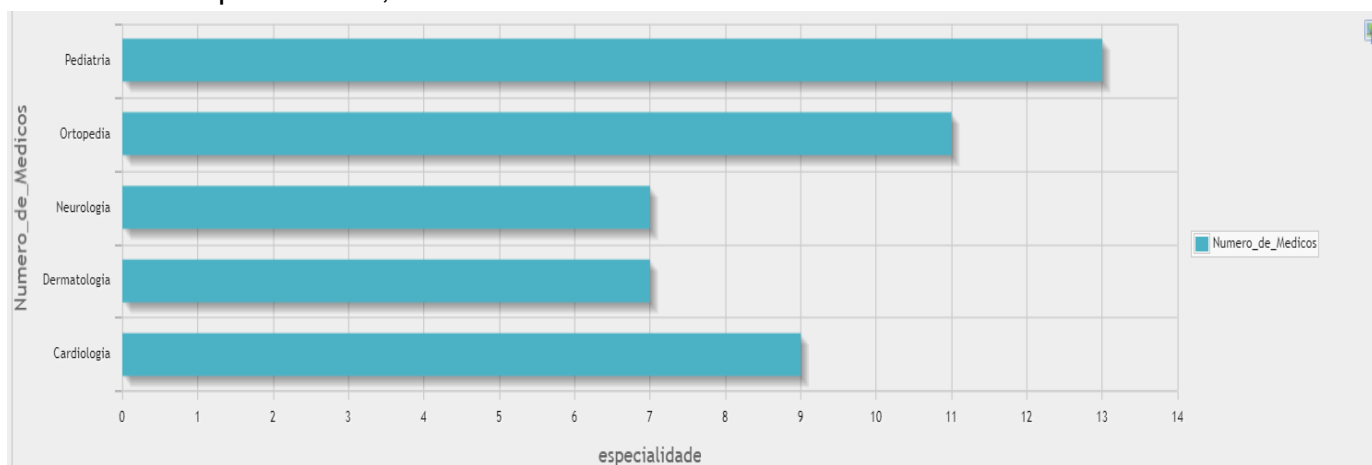
os registros pela coluna Endereco e conta o número de pacientes no endereco

```
SELECT Endereco, COUNT(*) AS Numero_de_Pacientes
FROM Paciente
GROUP BY Endereco;
```



contagem de médicos por especialidade

```
SELECT especialidade, COUNT(*) AS Numero_de_Medicos
FROM Medico
GROUP BY especialidade;
```



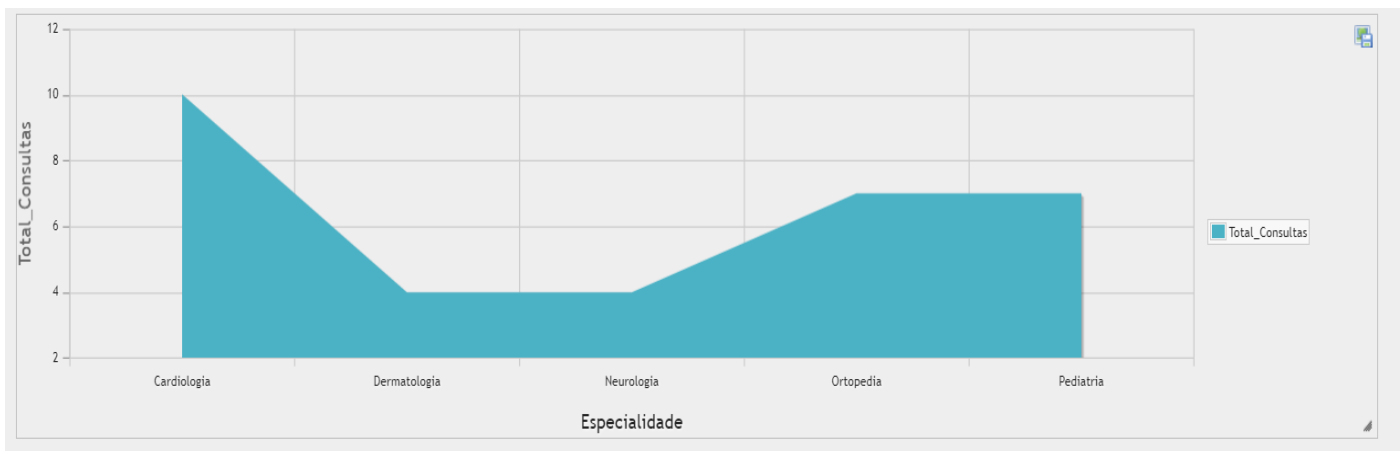
Listar especialidades com 2 ou mais consultas

```
SELECT Especialidade, COUNT(*) AS Total_Consultas
```

FROM Consulta

GROUP BY Especialidade

HAVING COUNT(*) >= 2;

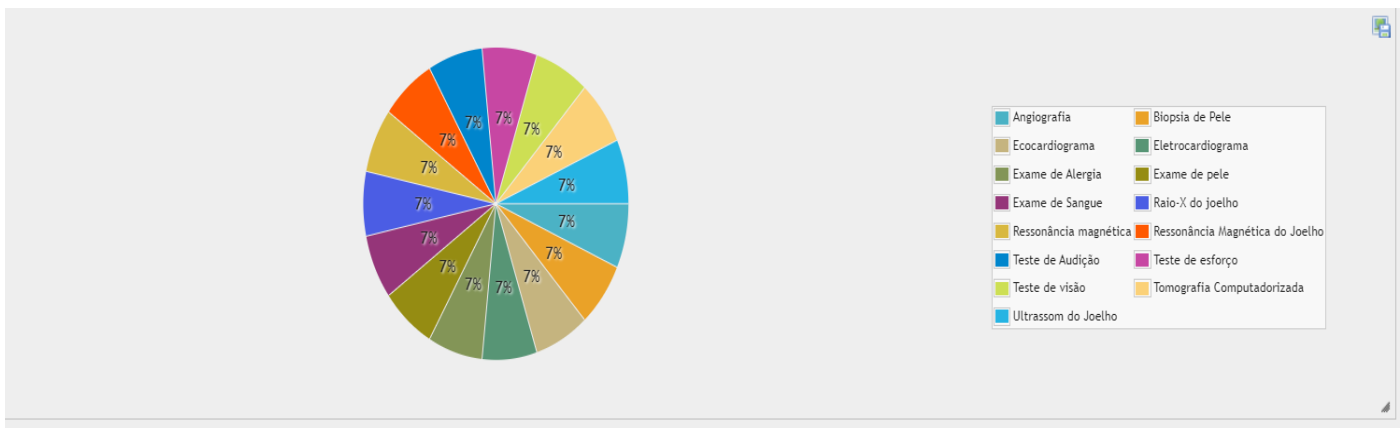


Contar exames realizados por tipo de exame:

SELECT tipo_exame, COUNT(*) AS Numero_de_Exames

FROM Exame

GROUP BY tipo_exame;

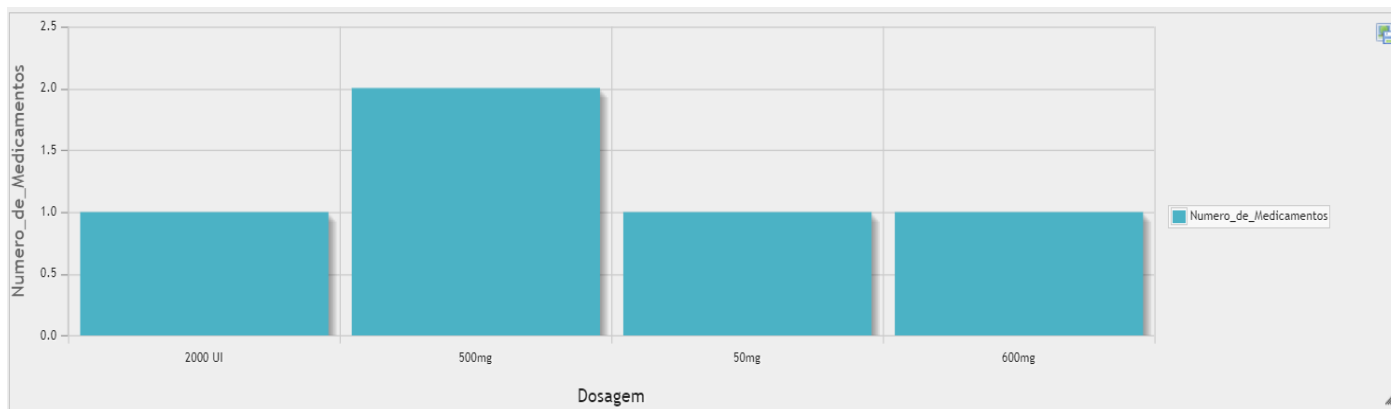


Contar o número de medicamentos por dosagem:

SELECT Dosagem, COUNT(*) AS Numero_de_Medicamentos

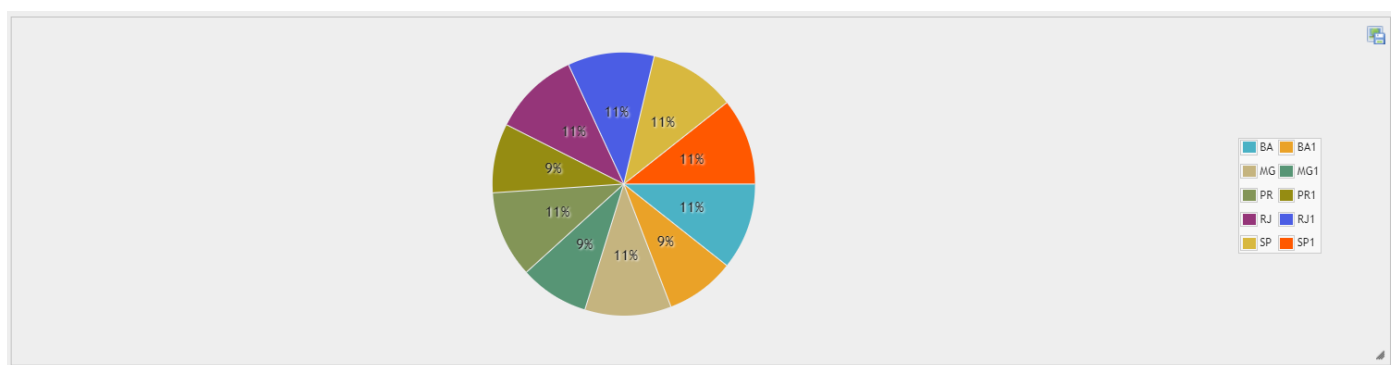
FROM Medicamentos

GROUP BY Dosagem;



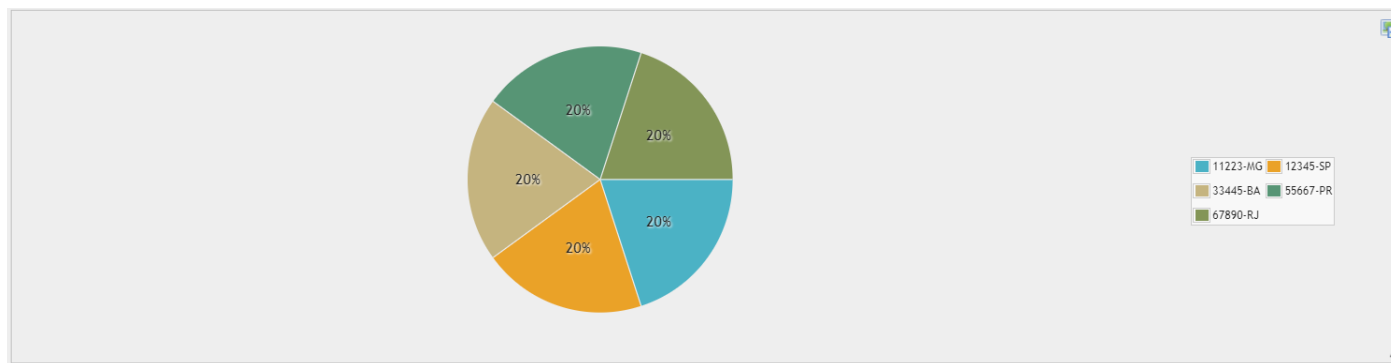
Contar o número de médicos por estado:

```
SELECT SUBSTRING_INDEX(Crm, '-', -1) AS Estado, COUNT(*) AS Numero_de_Medicos
FROM Medico
GROUP BY Estado;
```



Contar o número de prontuários registrados por médico:

```
SELECT crm_medico, COUNT(*) AS Total_Prontuarios
FROM Prontuario
GROUP BY crm_medico;
```

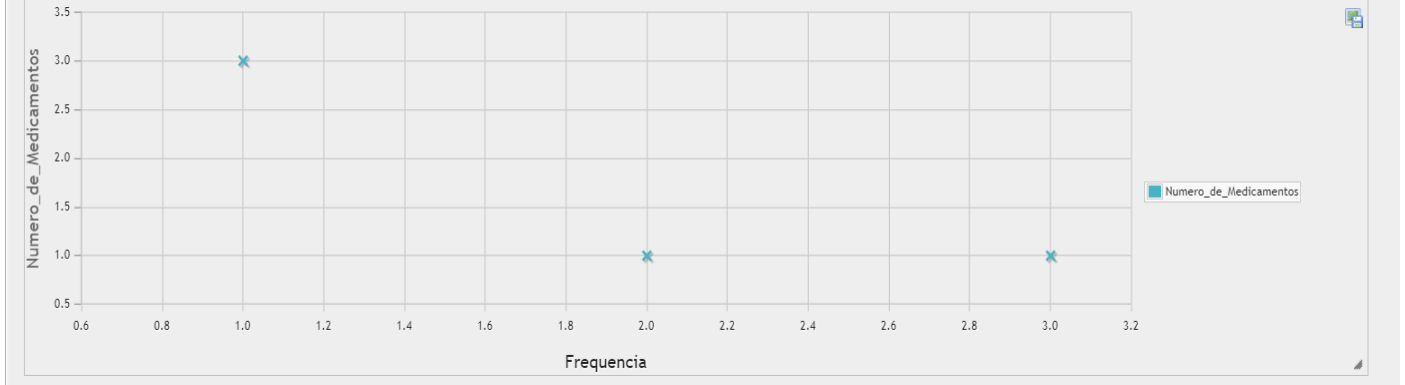


Frequência de Uso dos Medicamentos

```
SELECT Frequencia, COUNT(*) AS Numero_de_Medicamentos
```

```
FROM Medicamentos
```

```
GROUP BY Frequencia;
```



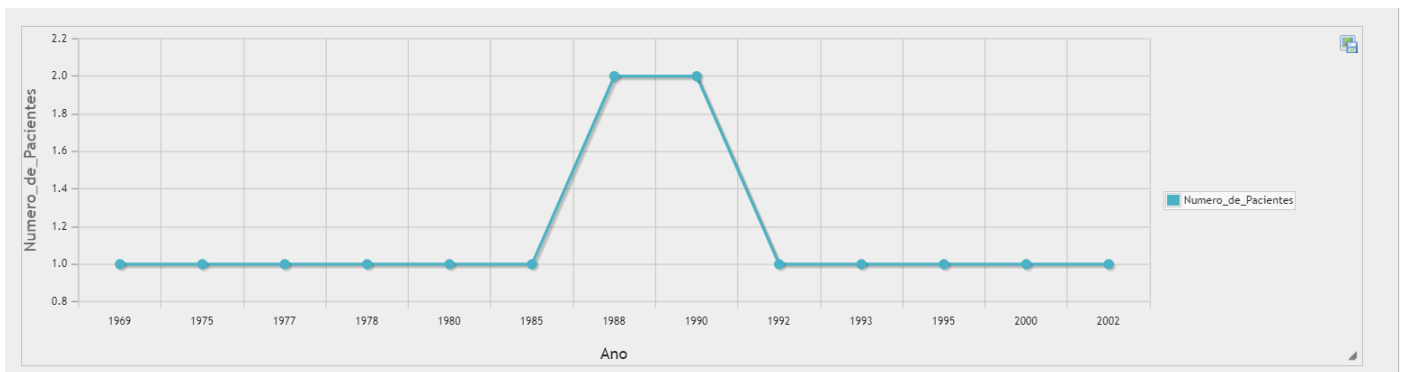
Número de Pacientes por Ano de Nascimento:

```
SELECT YEAR(Data_Nascimento) AS Ano, COUNT(*) AS Numero_de_Pacientes
```

```
FROM Paciente
```

```
GROUP BY Ano
```

```
ORDER BY Ano;
```

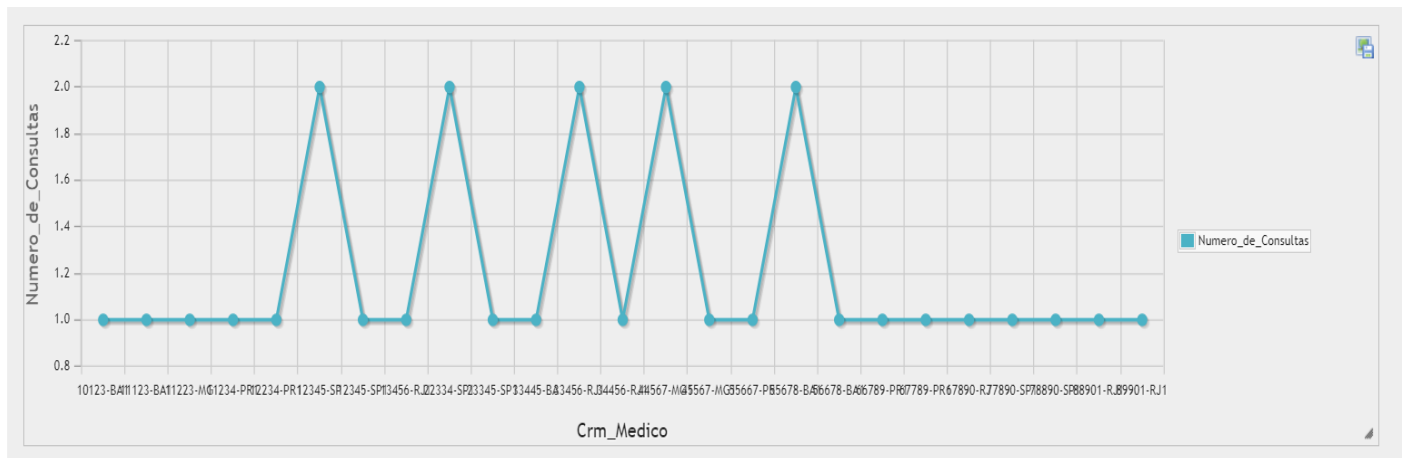


Consultas por Médico

```
SELECT Crm_Medico, COUNT(*) AS Numero_de_Consultas
```

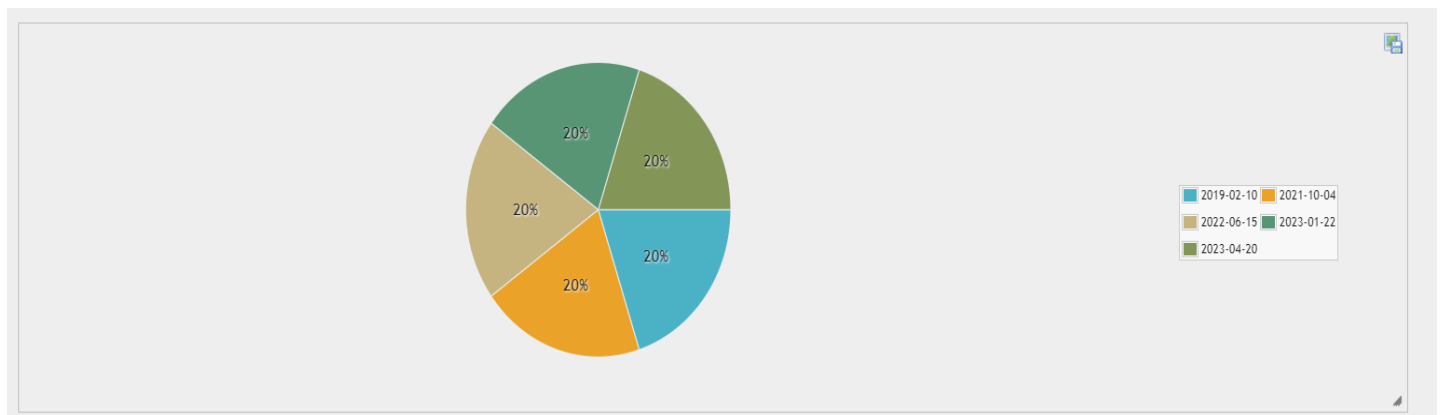
```
FROM Consulta
```

```
GROUP BY Crm_Medico;
```



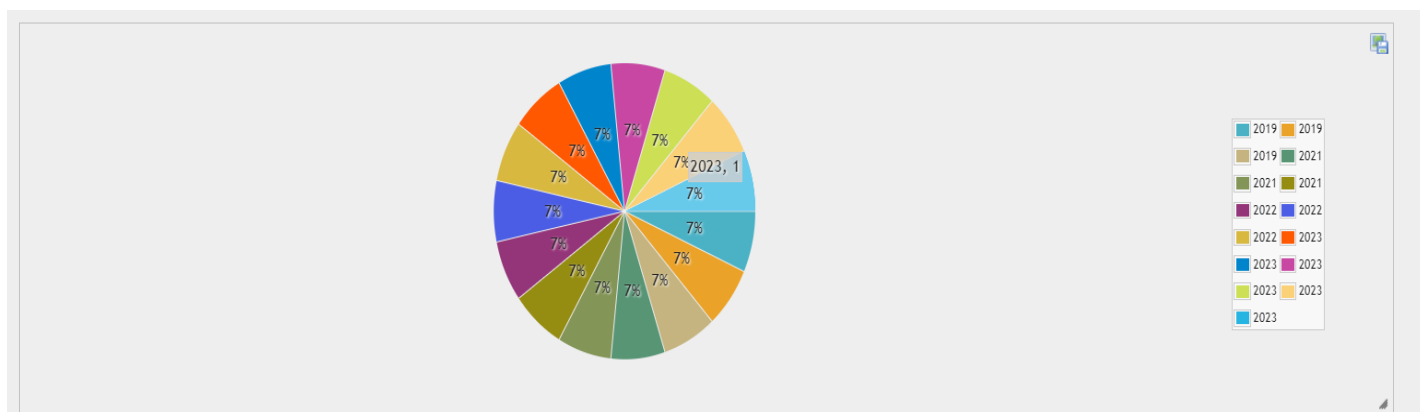
Número de Prontuários por Data de Registro

```
SELECT data_registro, COUNT(*) AS Numero_de_Prontuarios
FROM Prontuario
GROUP BY data_registro
ORDER BY data_registro;
```



Exames por Ano e Tipo

```
SELECT YEAR(data_exame) AS Ano, tipo_exame, COUNT(id_exame) AS Numero_de_Exames
FROM Exame
GROUP BY Ano, tipo_exame;
```

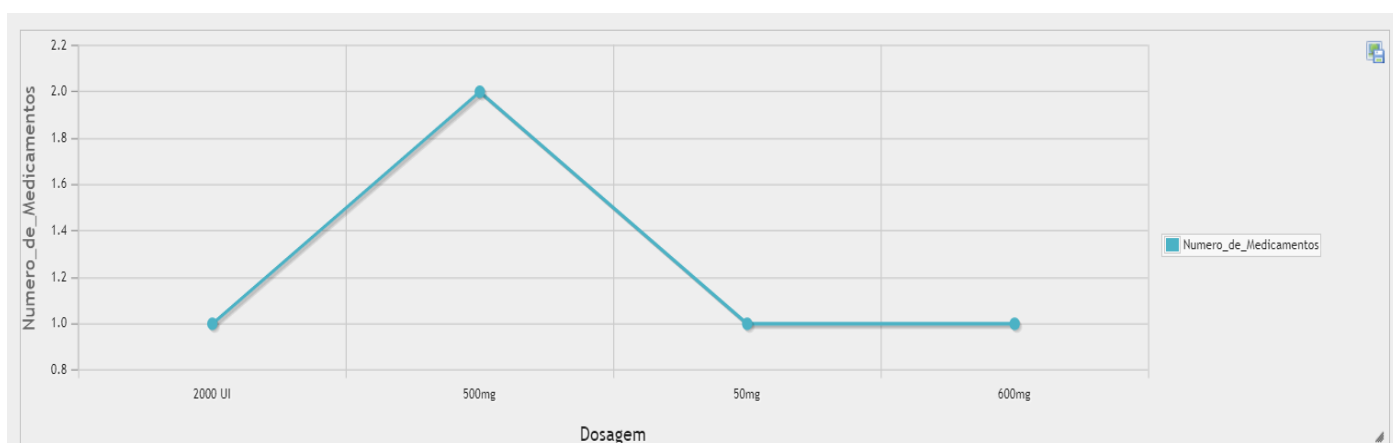


Medicamentos por Tipo de Dosagem

```
SELECT Dosagem, COUNT(*) AS Numero_de_Medicamentos
```

```
FROM Medicamentos
```

```
GROUP BY Dosagem;
```



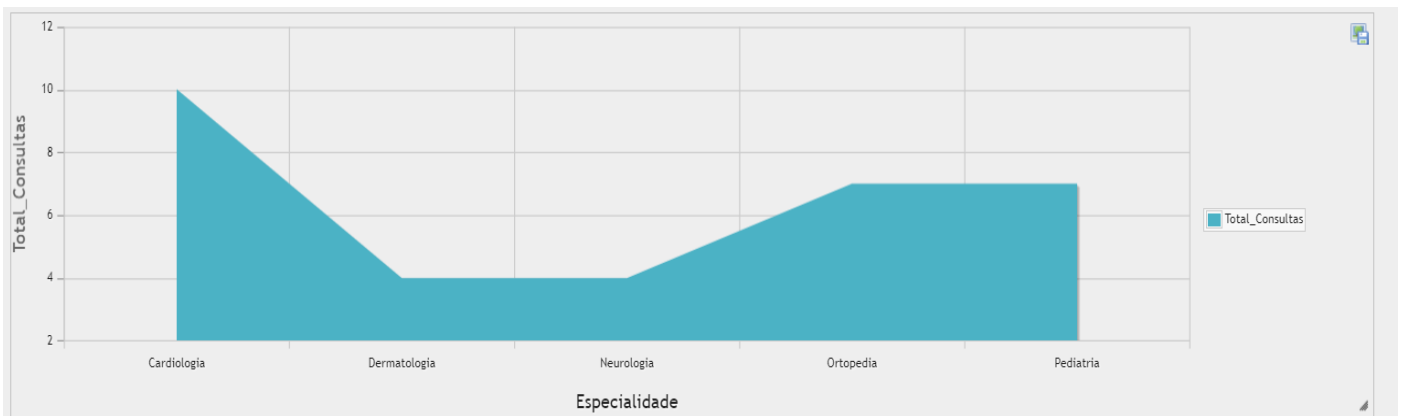
Listar especialidades com 2 ou mais consultas

```
SELECT Especialidade, COUNT(*) AS Total_Consultas
```

```
FROM Consulta
```

```
GROUP BY Especialidade
```

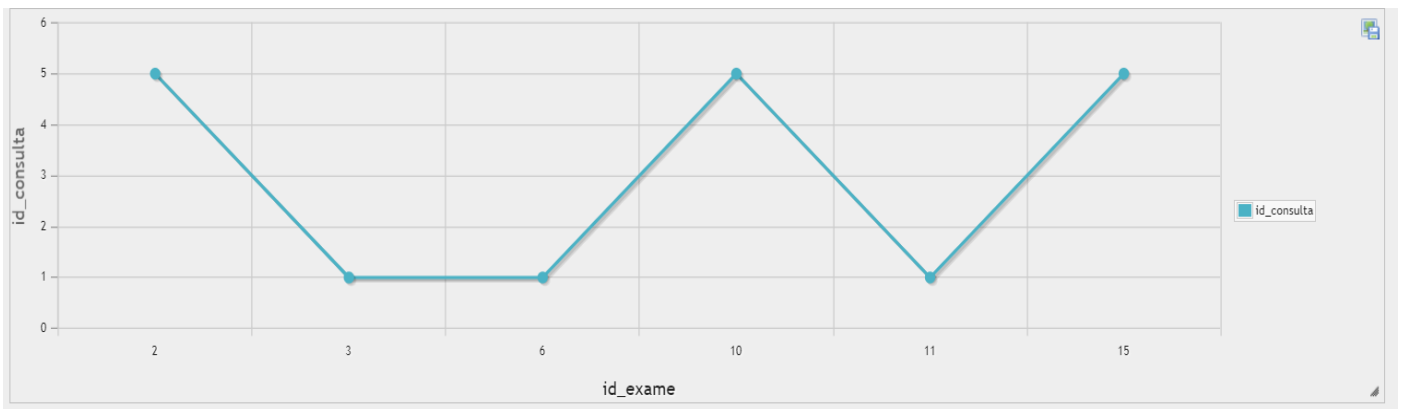
HAVING COUNT(*) >= 2;



Buscar exames realizados em um intervalo de datas específico:

SELECT * FROM Exame

WHERE data_exame BETWEEN '2023-01-01' AND '2023-12-31';



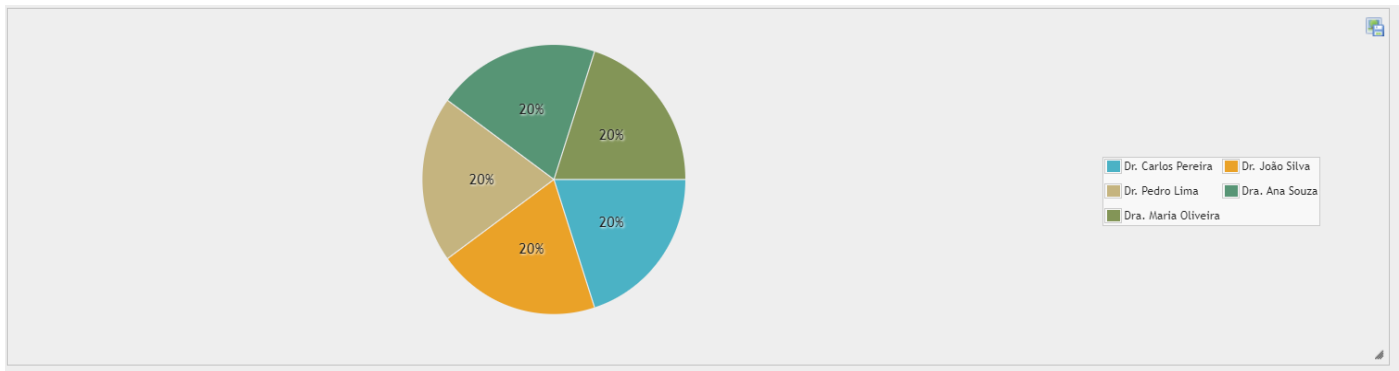
Número de Exames por Médico (incluindo médicos sem exames)

SELECT m.Nome AS Nome_Medico, COUNT(e.id_exame) AS Numero_de_Exames

FROM Medico m

RIGHT JOIN Exame e ON m.Crm = e.crm_medico

GROUP BY m.Nome;



Distribuição de Pacientes por Faixa Etária

SELECT

CASE

WHEN TIMESTAMPDIFF(YEAR, Data_Nascimento, CURDATE()) < 18 THEN '0-17'

WHEN TIMESTAMPDIFF(YEAR, Data_Nascimento, CURDATE()) BETWEEN 18 AND 35
THEN '18-35'

WHEN TIMESTAMPDIFF(YEAR, Data_Nascimento, CURDATE()) BETWEEN 36 AND 50
THEN '36-50'

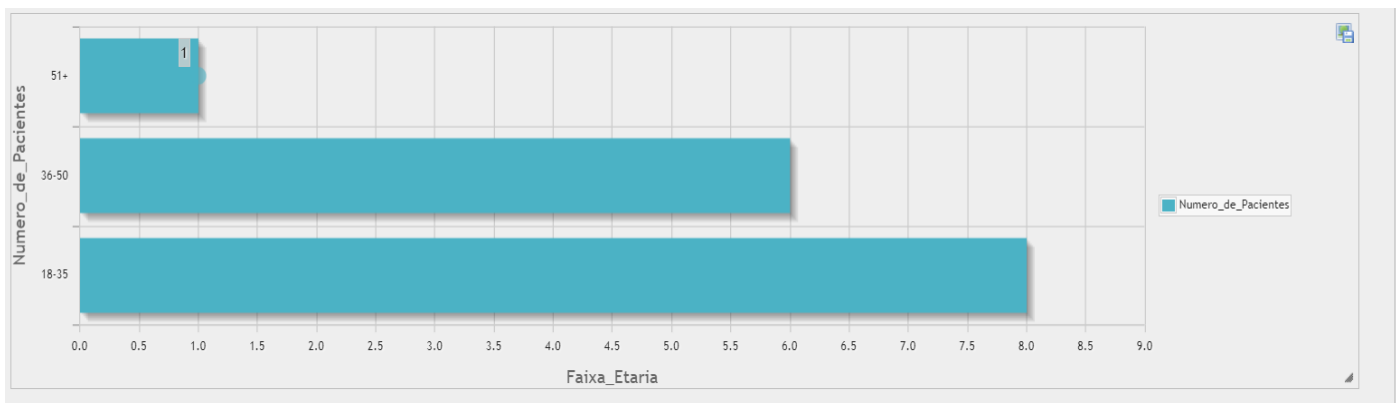
ELSE '51+'

END AS Faixa_Etaria,

COUNT(*) AS Numero_de_Pacientes

FROM Paciente

GROUP BY Faixa_Etaria;



Consultas por Dia da Semana

```
SELECT DAYNAME(Data_Consulta) AS Dia, COUNT(*) AS Numero_de_Consultas
FROM Consulta
GROUP BY Dia
ORDER BY FIELD(Dia, 'Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday',
'Saturday');
```

