

Figur S1

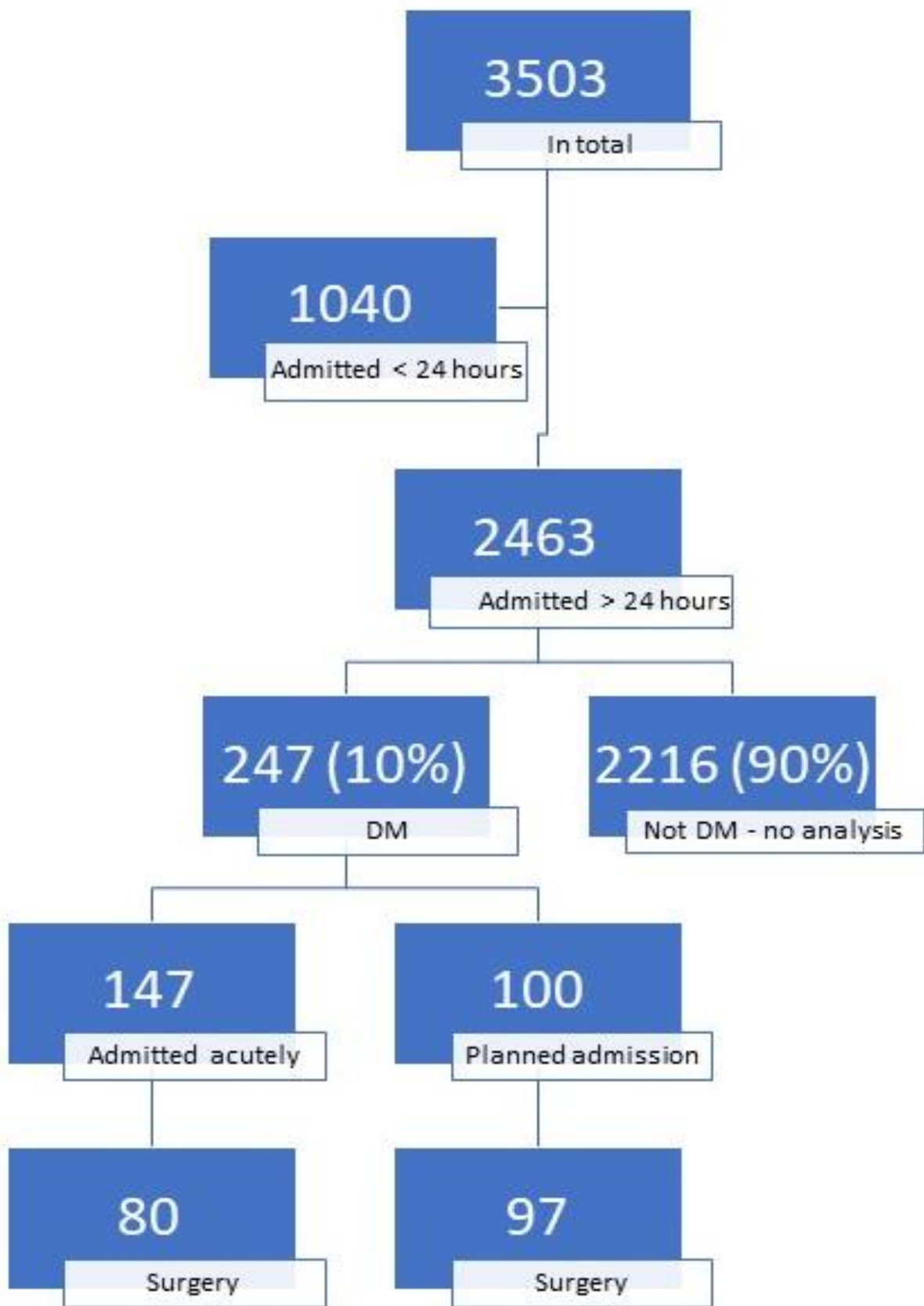
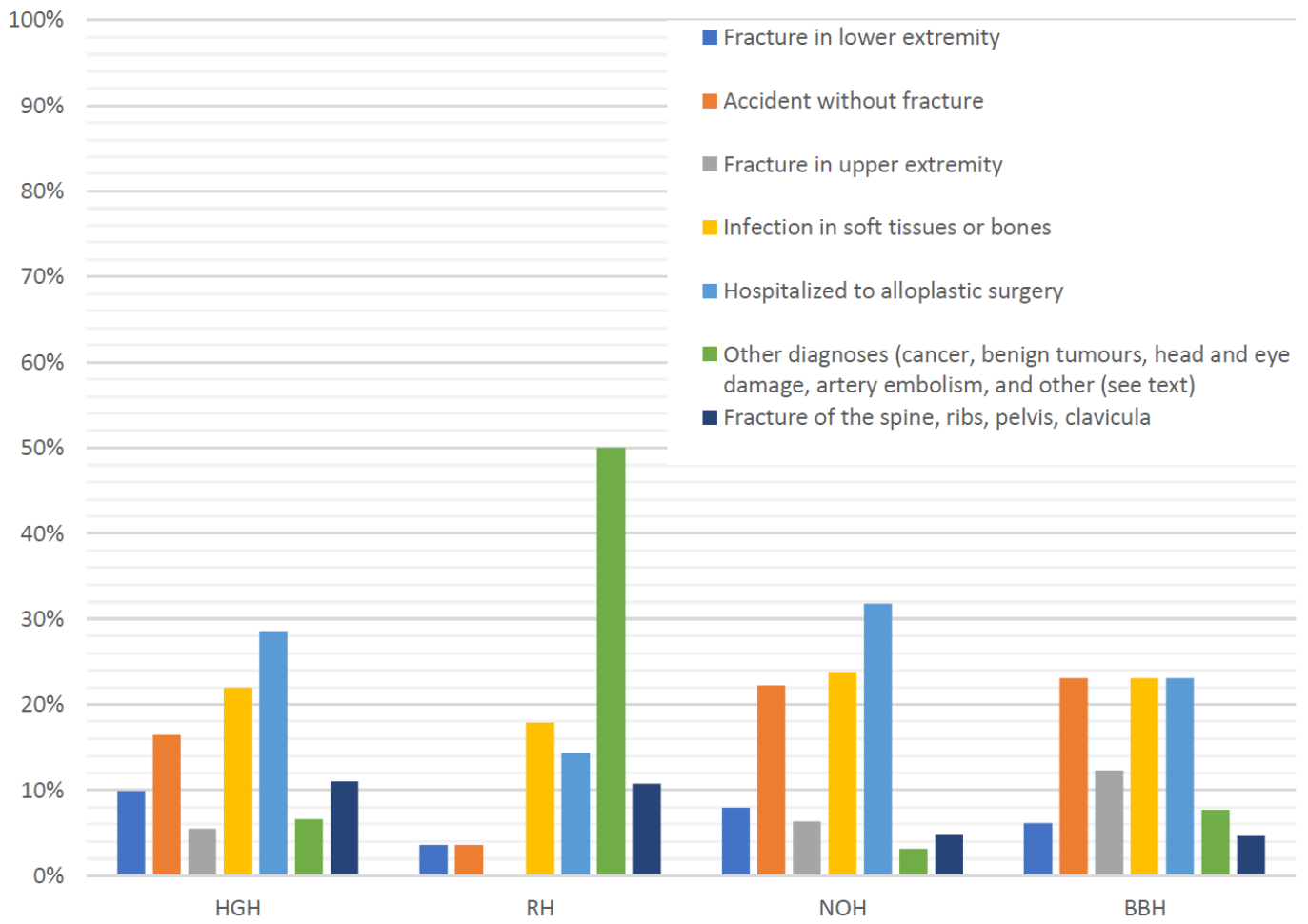


Figure S2



**Table S1**

List of audited variables from our survey of 247 people with diabetes admitted to orthopaedic departments on Herlev Hospital, Rigshospitalet, Nordsjællands Hospital og Bispebjerg Hospital, all in Denmark.

Audited variables	Answers
Which hospital is the patient admitted to?	<ul style="list-style-type: none"> <li>• Herlev</li> <li>• Rigshospitalet</li> <li>• Nordsjælland</li> <li>• Bispebjerg</li> </ul>
Is the patient admitted for less than 24 hours?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Do the patient has a diabetes diagnose in Sundhedsplatformen?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Do the patient receive glucose lowering medication at admission?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Is HbA1c > 48 mmol/mol at admission (or within the last 3 months) or is glucose > 11.1 mmol/l during admission (measured at least twice)?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
What is the orthopaedic diagnose noted in Sundhedsplatformen?	
Is the admission acute?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No (planned)</li> </ul>
Length of stay	<ul style="list-style-type: none"> <li>• Measured in days</li> </ul>
Has the patient went through surgery in relation to the admission?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Is it clear from the referral letter to the orthopaedic department that the patient is diagnosed with diabetes?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Has insulin aspart (sliding scale) been prescribed at admission?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Was insulin aspart (sliding scale) administered during the first admission week?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
To what extend was insulin aspart (sliding scale) administered when a blood glucose measurement indicated it?	<ul style="list-style-type: none"> <li>• 1-25%</li> <li>• 26-50%</li> <li>• 51-75%</li> <li>• 76-100%</li> </ul>
Was fasting blood glucose measured within the last 24 hours before surgery?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>

Was p-haemoglobin measured within 14 days before surgery?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Was p-sodium, p-potassium and p-creatinine measured within 14 days before surgery?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Was HbA1c measured within 3 months before surgery?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Level of HbA1c?	<ul style="list-style-type: none"> <li>• mmol/mol</li> </ul>
Was p-sodium, p-potassium and p-creatinine measured daily during the first 5 days (or until discharge) after surgery/admission?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
How many times was blood glucose measured in relation to surgery (from start of surgery and the next 24 hours)?	
How many times are blood glucose measured during the 2. post-surgery day (24 hours)?	
How many times are blood glucose measured during the 3. post-surgery day (24 hours)?	
How many times are blood glucose measured during the 4. post-surgery day (24 hours)?	
How many times are blood glucose measured during the 5. post-surgery day (24 hours)?	
Has preadmission diabetes medicine been re-started at discharge	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
Is the patient discharged with insulin aspart up to five times a day (sliding scale insulin) without being justified in the discharge report.	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Don't know</li> </ul>
Has the patient's diabetes treatment been reviewed and optimised by the diabetes specialist nurse teams during hospitalisation?	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>