





GIF User Manual	Presentation of GIF – Surgical and Infection Facilities
Barn / Building	8853 (D23) + 8954 (K34)
Period	[25.06.01] – [year.mm.dd]
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<i>Topics</i>	<i>Description</i>
General Information about GIF – Surgical and Infection Facilities	<p>The facilities for surgery and infection trials at AU Viborg – Foulum Research Centre are designed for intensive housing and advanced experimental setups.</p> <p>The area includes a preparation room, an operating theatre with modern equipment, recovery pens, a small housing section, a prep lab, and changing and staff facilities. The prep lab is well suited for equipment preparation, feed handling, sample collection, and post-mortem examinations.</p> <p>The operating theatre is equipped for both small and large animals and allows for precise monitoring during procedures.</p> <p>The infection housing is divided into two separate sections, each with an anteroom. The facility is designed for flexible housing of both small and large animals, enabling experimental studies at both individual and group level.</p> <p>A dedicated team of highly qualified staff ensures professional animal care and technical operation of the trials.</p> <p>The facilities enable advanced surgical studies, including procedures related to digestion, reproduction, and physiology.</p> <p>Infection trials are conducted under controlled conditions and include studies involving specific viruses and bacteria.</p> <p>The technical setup and intensive monitoring make the facility well suited for both short- and long-term experiments focusing on areas such as immunology and disease development.</p> <p>The projects often have an applied focus, aiming to optimise nutrient utilisation and sustainability in livestock production.</p> <p>Research activities are supported by close collaboration with both external and internal partners and have access to advanced laboratory facilities for the analysis of samples such as blood, urine, faeces, tissue, and feed.</p>

Overview of GIF – Surgical and infection Facilities	<p>GIF – Surgical and Infection Facilities include:</p> <ol style="list-style-type: none"> Surgical Area and Intensive Housing (Building 8853 – D23) Infection Housing Units (Building 8954 – K34)  <p><i>Figure 1. Aerial view of AU Viborg with markings of the GIF Surgical and Infection Facilities</i></p>
<p align="center">Descriptions of GIF – Surgical and Infection Facilities</p>	
<p>1. Surgical Area and Intensive Housing (Building 8853 – D23)</p>	<div> <p>The facility includes a preparation room, operating theatres, changing rooms, a prep lab, and a small housing section for monitoring and accommodating animals requiring special care, as well as a small meeting room and lunch area.</p> <p>The two operating theatres are equipped for surgical procedures on one to three tables, each with associated surgical and monitoring equipment. The “small” theatre is used for animals up to approximately 100 kg, while the “large” theatre includes, among other things, an overhead hoist, two large recovery pens, and adjacent housing for post-operative monitoring.</p> </div> <div>   </div>



2. Infection Housing Units (Building 8954 – K34)	<p>These facilities enable various types of infection trials with both small and large animals.</p> <p>The building is divided into two main sections, each containing two animal rooms and an anteroom for handling animals outside the housing areas.</p> <p>In addition, each section includes changing and shower facilities.</p>	
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