

# 06\_02\_Sterile-filter-a-solution

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## Goal-Setting

- Sterile filter a solution

## Terms / abbreviations

- None

## Risk areas

- Wear safety goggles! Filter can come off and solution splash everywhere

## Required materials and / or information

- Materials:
  - Sterile 0.22  $\mu$ M filter, Pall
  - Sterile syringe in desired volume, B. Bent

## Templates, devices, software

- None

## Preliminary work

- [06\\_01\\_Preparation-of-Ampicillin-stock](#)
- [05\\_01\\_Preparation-of-S.O.C.-medium](#)

## Operation

- Work under the cleanbench!
1. Draw up the solution with the syringe
  2. Screw the filter onto the syringe and squeeze the solution into the sterile desired container
- Repeat the steps, if the syringe is not big enough for the whole solution:
    - Unscrew the filter, place it back into the wrapping
    - Draw up another portion of the solution
    - Screw the filter back on
    - Repeat until the whole solution is filtered

## Disposal

- Dispose the syringe and filter into S1 waste

## Troubleshooting

- None

## Follow-up work

- None