EasyComp

The TPN Compatibility Software

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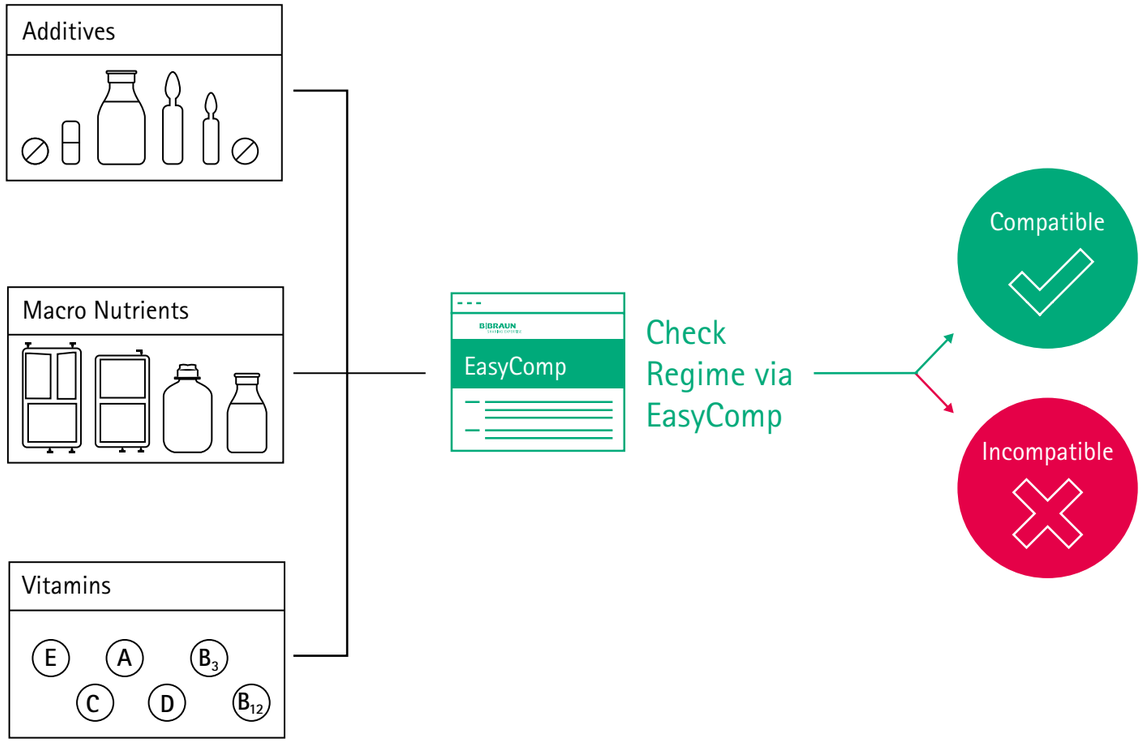
SHARING EXPERTISE

EasyComp

EasyComp is the easy way to check the compatibility of a parenteral nutrition regimen, for modified multi-chamber bags as well as for individually compounded bags.

Parenteral nutrition regimens are complex mixtures of a large number of nutrients in various combinations. Physico-chemical compatibility and stability is of particular importance for the safety of the patients. EasyComp is a GMP-validated compatibility program to check whether the chosen nutrition regimen will be physico-chemically stable or not and if yes, for how long. It has a server-based database, which refers to thousands of laboratory tests for its compatibility statement and makes updates immediately effective for every user.

EasyComp is a software designed to support the pharmacist in their complex task to provide the patient with pharmaceutically stable PN-regimen.



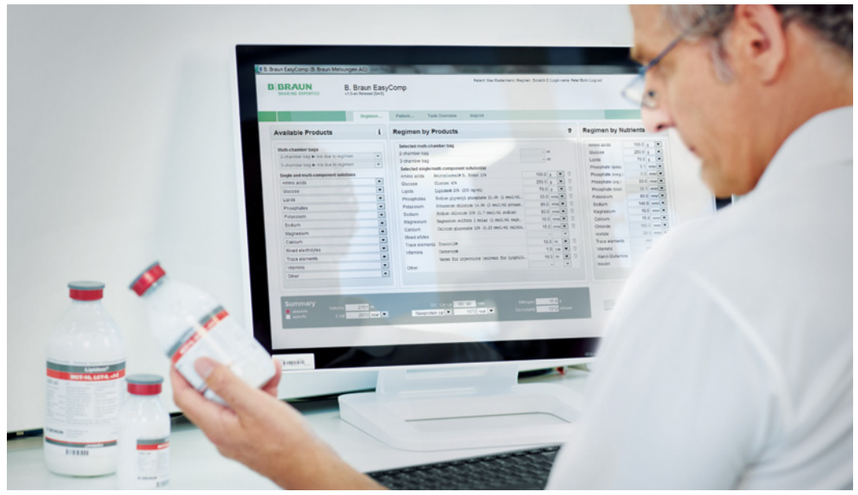
Key Features EasyComp

- Checks for compatibility and stability of a regimen
- Allows corrective measures
- Provides stability statement and shelf life
- Prints labels, worksheets (including sequence of mixing) and prescription sheet for the patient file
- Includes a patient management
- Can save and recall standard regimens and regimens from patient's history
- Allows individual configuration

IT Requirements | EasyComp requires a desktop PC or notebook running Windows 8.1 or 10, an internet connection and a printer. The Windows version can be either 32 or 64 bit.

Benefits

- EasyComp is a GMP validated software for more reliability
- Server-based database for automatic updates to save time and increase safety
- Installation either server/client based or stand-alone to fit your needs
- Immediate and reliable statement on physico-chemical stability, based on thousands of laboratory stability tests
- Recall of standard and patient-specific regimens to save time
- Easy adaption to hospital need and user' preferences to save time
- Direct printing of label, worksheet and prescription sheet for more comfort



Compatibility Check with EasyComp

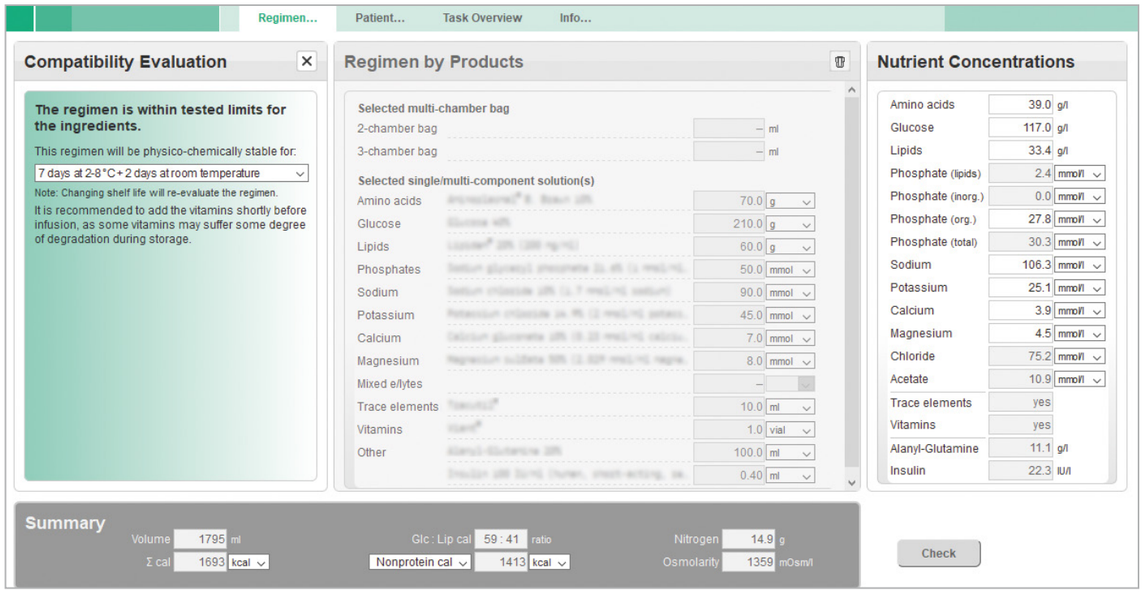
Compatibility Check

Thousands of laboratory tests have been made to verify the physio-chemical stability of various macro and micro solutions.

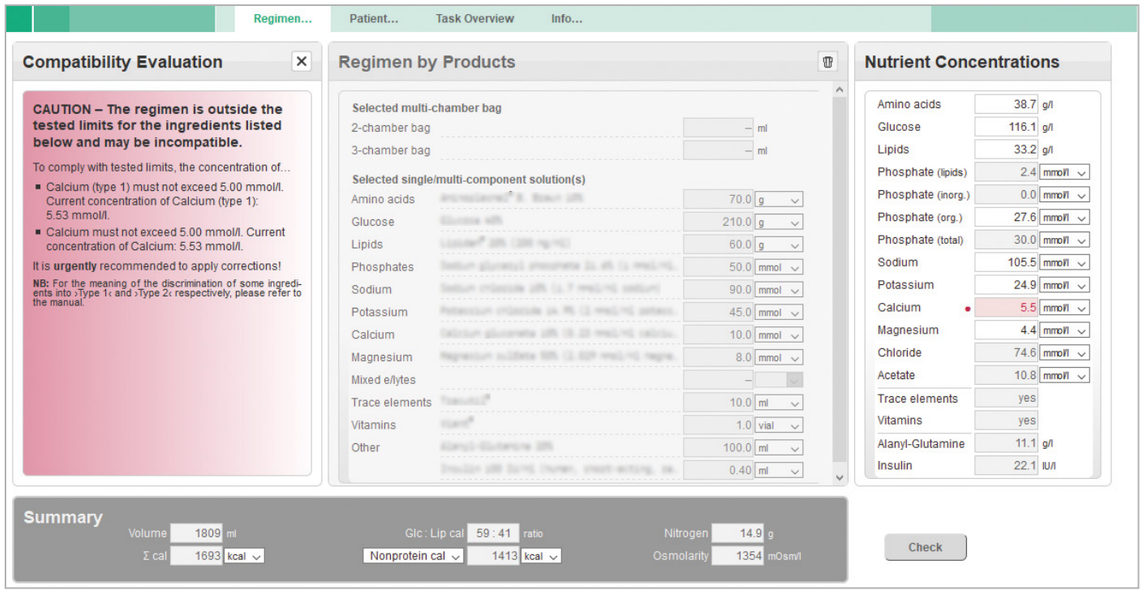
By clicking on the „**Check**"-button EasyComp confirms whether the prescribed regimen is within tested nutrient ranges (Figure left side) or not (Figure right side). Regimens within tested nutrient ranges lead to a green background in the window „**Compatibility Evaluation**" and the corresponding confirmatory text. If the regimen is outside tested nutrient ranges „**Compatibility Evaluation**" is red. EasyComp allows now to modify the regimen to put it into the window of compatibility. Corrections can be made directly in „**Nutrient Concentrations**". EasyComp indicates directly which nutrient/value needs to be changed to make the regimen compatible.

Immediate statement on stability and shelf life

Indicates which nutrient/value needs to be changed to make the regimen compatible

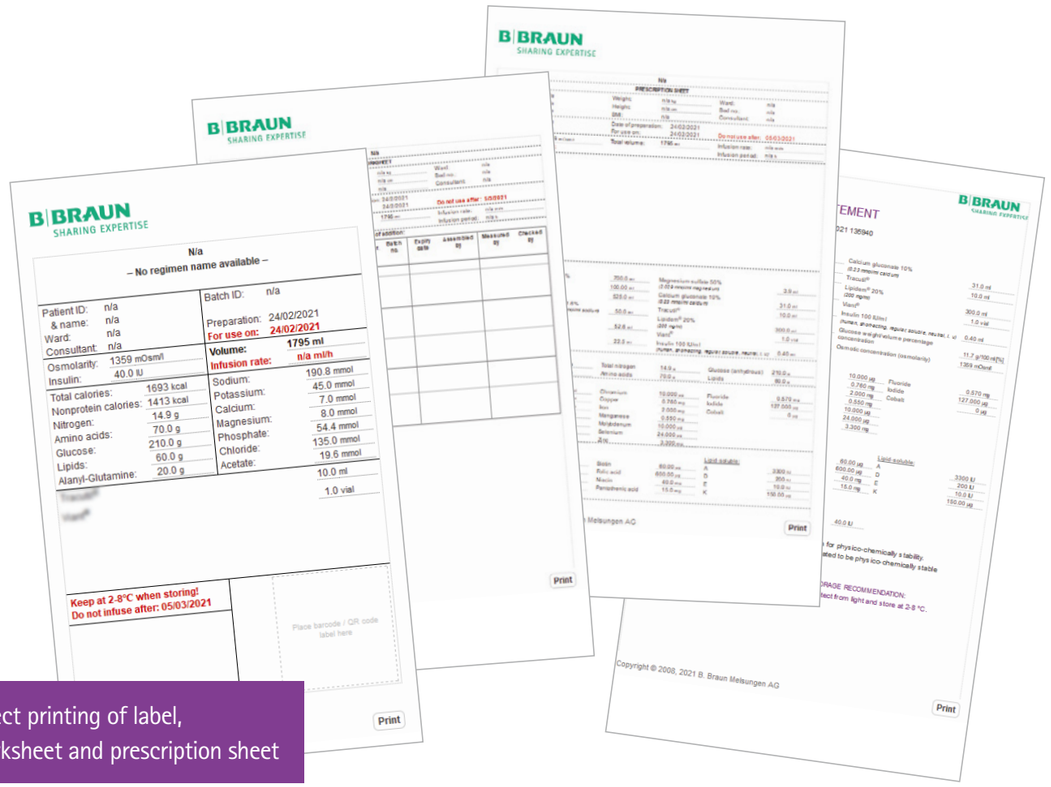


Compatibility Check – Compatible regimen



Compatibility Check – Incompatible regimen

Print-Outs

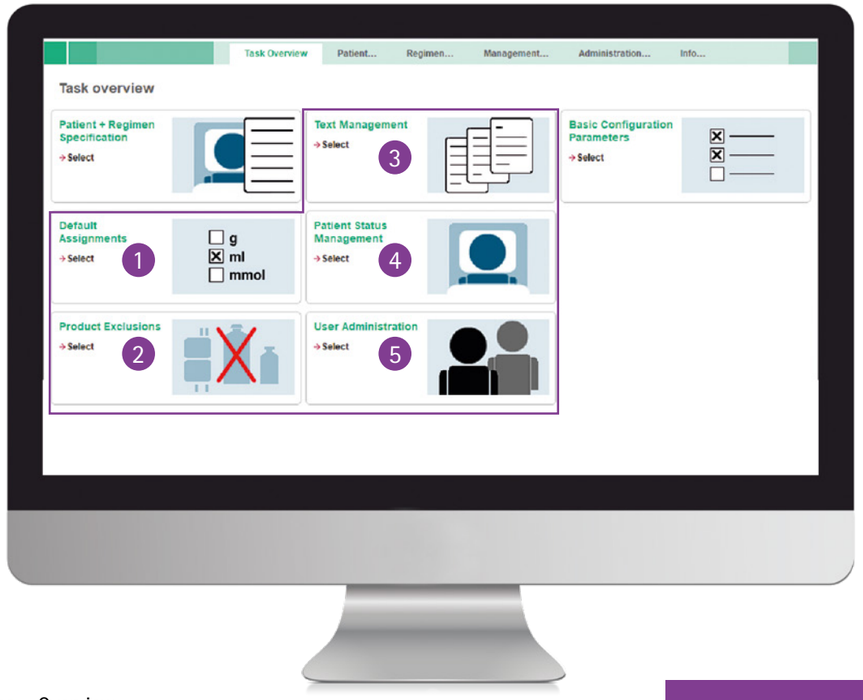


Direct printing of label, worksheet and prescription sheet

Once a regimen was „**checked**", EasyComp allows to print the label, the worksheet to prepare the regimen and the prescription sheet for the patient's file.

The expiry date is calculated automatically and can be manually adapted within the respective maximum shelf life of
the regimen.

Customization



Configuration Area – Overview

Easy adaptation to the hospital needs and user's preferences

1 Default Assignments – Defaults for solutions and nutrients saves time

In this area there are in-built default units for solutions and nutrients. The users can keep the defaults or change them to other units (own defaults). A threshold value for the osmolarity can be defined. The route of administration will then be automatically selected ("**peripheral**" below, "**central**" above the threshold value).

2 Product Exclusions – Shortlist the number of products for more safety

EasyComp comes with a set of solutions available in the country. Solutions that are not used, can be excluded from the view, shortlisting the number of products in the pull-down menues. The process can be changed or reversed at any time. Any changes become immediately effective.

3 Text Management – Predefined print-out saves time

EasyComp allows to print labels, worksheets and prescription sheets. It is possible to add text to each of these print materials independently from each other to adapt them to local needs. Adjustments are immediately
effective and save time.

4 Patient Status Management

All patient data and their status can be managed and changed as needed.

5 User Administration

Users can be assigned with different privileges and rights.

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