

getBMI

```
/* Calculates the BMI out of the given values
 *
 * tfHeight:
 * The numeric textfield containing the patient's height in cm
 *
 * tfWeight:
 * The numeric textfield containing the patient's weight in kg
 *
 * return;
 * This function returns the calculated BMI
 */
function getBMI (tfHeight, tfWeight) {
    /* ===== */
    // IMPORTS
    importPackage(java.awt);
    importPackage(java.lang);

    /* Get the patient's size and weight and
     * allocate it to the variables height and weight.
     */
    var height = new Float(tfHeight.getValue());
    var weight = new Float(tfWeight.getValue());

    /* The patient's size must be greater than 0,
     * to avoid deviding by 0.
     */
    if (height <= 0) {
        return 0;
    }

    /* IF THE HEIGHT IS GIVEN IN METER:
     * Convert the patient's height from cm to m
     * ELSE: delete or outcomment this line
     */
    height = height / 100;

    // calculate the BMI
    // (rounded on one decimal place)
    return Math.round(100 * (weight / (height * height))) / 100;
    /* ===== */
}
```

From:

<http://www.gecamed.lu/> - **GECAMed - Gestion de Cabinets Médicaux**

Permanent link:

<http://www.gecamed.lu/de/userguide/formeditor/functions/getbmi>

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