

Current modifications of instructions for the use of the Ebrí Computer Program, for the calculation of the Bone Age and Prediction of Adult Height of the child

On July 1 (2017), you could now have access to the new version of Dr. Ebrí's IT program, which appears on the website of the illustrious College of Physicians of Zaragoza.

www.comz.org/maduracion-osea

This new program allows, through an installer file that is now attached, to be downloaded to the user's computer and executed, without using the zip file, which, however, we continue to attach, since we made reference to it in the "First General Rules. Measurement Schemes") which, on the other hand, it is also necessary to continue reading, as they detail all the general characteristics of correct use of this method of calculating bone age and Predicting the Adult Height of the child .Don't forget to install and run the program on the computer, at the end of the installation, to check the box that appears, so that the icons of the three programs appear on the Desktop, and when you then "click" on them, they open the work window and enter the bone measurements.

In this way, three programs can now be available to calculate the bone age of the children under study:: a) Program for children from 0.5 to 20 years, through the left hand dorsopalmar Rx, which also allows the predictive calculation of Adult Size; B) Specific program for the calculation of the bone age of children from infants to 4 years, through left-hand Rx dorsopalmar; C) Program that allows the calculation of the age of the child through the tarsus (lateral Rx and dorsoplantar standing) from newborn to 4 years.

As explained in the Instruction Manual: "First General Rules. Measurement diagram" for the management of the programs, the user will make the measurements of the bones (maximum diameters, specified in the diagrams), then taking these measurements to the computer column that appears when "clicking" on the icon of each program . In this column, the height of the parents and that of the child itself will also appear, taken on the same date as the x-ray under study. Once all this data has been entered, when you click, the ossificative diagnoses of the Bone Age and the predicted Adult Height will appear, making it possible to edit the results.

It is interesting to note that in the ossific diagnosis of the child, bone age (relative to chronological age) may be "normal, advanced or delayed" (calculated through the IVOS: IC, IMF, ICMF, IT). And if there is no significant delay or advance, (as the program does, if it occurs) it will not require further cause-finding studies, since they are within the normal distribution of the Gaussian Curve. Consequently, for example, a delayed or advanced bone age with respect to the chronological period can be given and considered as normal through the IVOS.

The new programs made for children up to four years fit better for these ages, since the general equations can give lower IVO values, due to the "weight" of the older children of the "Andrea Prader" General Casuistry on the Children.

The comments of the users, can be directed to the email b.ebri@yahoo.es

Regards

Dr.Bernardo Ebrí Torné