

Add-on Lecture 8

**** فهم المحاضره هذه يعتمد اعتماد كلي على الأمثله اللي يشرحها الدكتور ..**

ضروري جداً تسمعونها مدتها ١٦ دقيقه فقط .. والإضافات قليله جداً في هـ المحاضره

Elements of Research Design:

|3| comparison (experimental) / control groups

**** Usually in experimental design you have 2 groups :**

- Experimental group : you gave them new treatment .
- Control group : this group has no treatment .

Treatment = الطريقه او الوسيله اللي تستخدمها في دراستك او بحثك

3.1 Between Groups Designs

You have 2 groups and you want to see the differences between them.

3.2 Within Group Designs

You have just 1 group and you want to see the differences within that group itself.

Elements of Research Design:

|4| One time vs. over time research

4.1 Cross-sectional method

The risk here is : you don't get the reality , you don't get the real finding because the 2 groups are different .

4.2 Longitudinal method

The risk here is : the attrition of sample "تآكل او النقصان في عناصر المجموعه"

ex: maybe now you have 100 children but after 3 years you don't have the same number...

The End ..