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institutions involved in Cancer research in

an institutional platform















لجنة أخلاقيات البحوث الطبية مصر للأورام

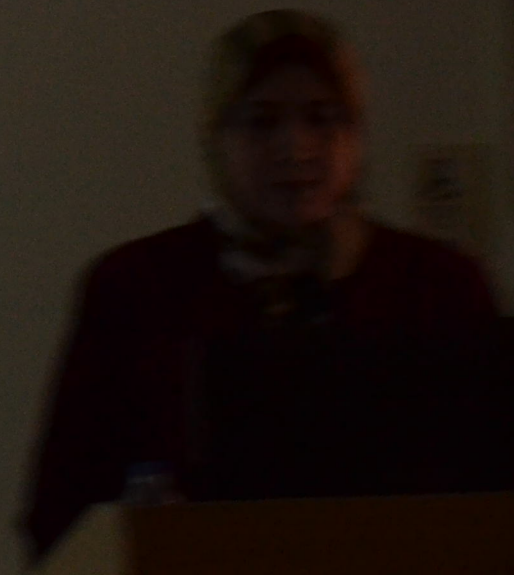
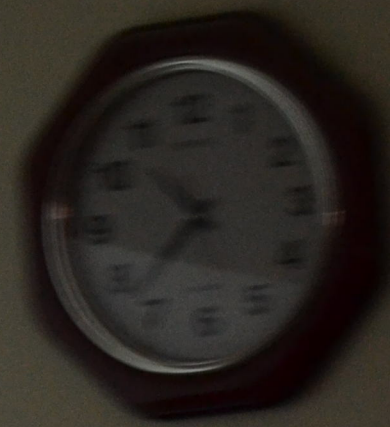


لجنة أخلاقيات البحوث الطبية
مصر للأورام
والتوعية المجتمعية
والتوعية المجتمعية

National Conference of Harmonization and Good Clinical
Practice--(ICH GCP--)

الخلاصة:

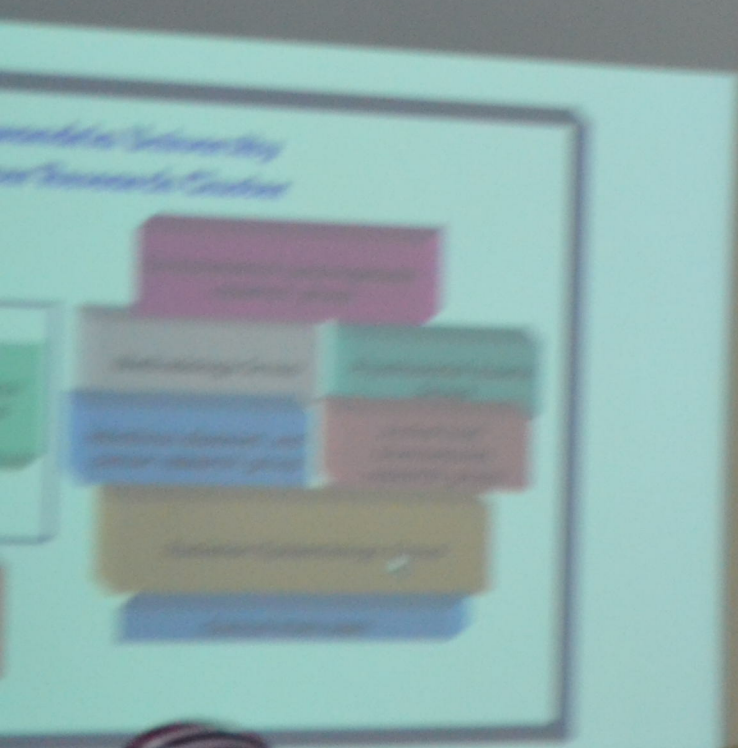
- يجب أن تكون اللجنة مستقلة عن الإدارة النشطة بالبيئة للبيئة لها
- يجب أن لا يقل عدد أفراد اللجنة عن خمس أعضاء، ويفضل ألا يزيد عن ثمانية
- يجب أن يكون أحد أفراد اللجنة على الأقل من الأطباء
- يجب أن يكون أحد أعضاء اللجنة من غير الأطباء أو الأخصائيين











Influence of Life Stress on Depression: Moderation by a Polymorphism in the 5-HTT Gene

Avshalom Caspi,^{1,2} Karen Sugden,¹ Terrie E. Moffitt,¹
Alan Taylor,¹ Ian W. Craig,¹ HonaLee Harrington,²
Joseph McClay,¹ Jonathan Mill,¹ Judy Martin,³
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In a prospective-longitudinal study of a representative birth cohort, we investigated why stressful experiences lead to depression in some people but not in others. A functional polymorphism in the promoter region of the serotonin transporter gene (5-HTT) was found to moderate the influence of stressful life events on depression. Individuals with one or two copies of the short allele of the 5-HTT promoter polymorphism exhibited more depressive symptoms, diagnosed depression, and suicidality in relation to stressful life events than individuals with two copies of the long allele.

Taylor, A., Craig, I.W., Harrington, H. et al.
Depression and the 5-HTT gene: a polymorphism
386-



The Big Bang of Psychology

Many of our findings point to the role of social factors. Although we cannot exclude hereditary influences, our results are consistent with previous findings from twin studies (17) and positive emotion research (18) showing hereditary influences on social factors. Research on hereditary influences should move beyond studies of simple hereditary influences and focus more strongly on functional interactions within and between hereditary influences.

References and Notes

1. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
2. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
3. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
4. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
5. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
6. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).
7. J. J. Bradburn, *Am. J. Sociol.* 60, 269 (1955).

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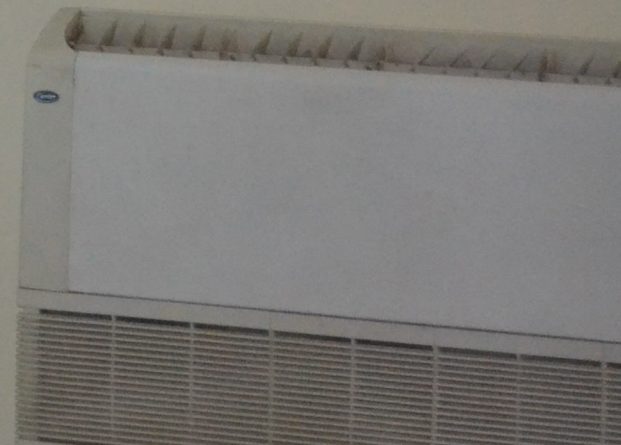
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Caspi A, Sugden K, Moffitt TE, Taylor A, Craig IW, Harrington M et al. Influence of life stress on depression: Moderation by a polymorphism in the 5-HTT gene. *Science* 2003; 301:386-389.





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