**Partie recherche bibliographique**

Etat de Stress Post-Traumatique (ESPT) (Post-Traumatic Stress Disorder (PTSD)) et changement du volume hippocampique :

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| **Auteurs / Année** | **PTSD** | **méthode** | **Activ hipp** | **volume hipp** | **Cohorte** |
| Sonalee A. Joshi et al (2019)  https://doi.org/10.1111/psyp.13357 | PTSD | Review study | Decrease |  | Review study |
| hahin Zandieh et al (2016)  DOI: 10.1097/MD.0000000000003387 | Torture-Related Post-Traumatic Stress Disorder (TR-PTSD) | IRM-PET |  | diminution significative  mean LHV= 0.003\*10^6mm^3 (PTSD)  mean LHV= 0.005\*10^6mm^3 (normal)  LHV: left hipp vol | 19  10 : normal  9: PTSD |
| Ruth Klaming et al (‘2019)  https://doi.org/10.1016/j.nicl.2019.101982 | PTSD  et ELS early life Stress | **IRM 3T** |  | **anomalie de forme**  RHV : 127 mm^3 (ELS)  RHV : 490 mm^3 (PTSD)  (expansion in shape | **70**  ( **23-60 ans**)  **PTSD yes** (CAPS) 50% 35/35  **ELS yes** 75.7% 53/17  **ELS yes /PTSD yes** 37.1% 26  **ELS yes /PTSD no** 38.6% 27    **ELS no /PTSD yes** 12.9% 9  **ELS no**  **/PTSD no** 11.4% 8 |
| J. Douglas Bremner et al  (1997) | PTSD et Childhood physical and sexual abuse | **MRI 1.5 T** |  | PTSD patient has smaller Hipp volume  **(Left hipp) de 12%**  **+**  **no  smaller volume in amygdala,  caudate and temporal lobe**  **Method: same in (1995b)** | 34  (17 PTSD / 17 control)  **25 - 52 ans** |
| J. Douglas Bremner et al  (1995b) | PTSD et Patients with Combat-Related  ( Vietnam combat veterans ) | **MRI 1.5 T** |  | PTSD patient has smaller Hipp volume  **(Right hipp) de 8%**  **no  diff in caudate and temporal lobe**    **Method:**  **voir manuscrite** | 48  ( 26 PTSD / 22 control)  **PTSD mean**  **46 ans**  **Contr mean**  **44.5 ans** |