stroke at older ages and with lower viral load over time suggests a potential change in the pathogenesis of stroke from viral-driven processes to more aging-related risk factors.

Disclosures. B. Ances, Journal of Neuroviology: Editorial Board but not compensation. Nothing.

Table 1: MR spectrum acquired from FWM of a patient.

|   | Mean (mmol/kg) | SD | Mean (mmol/kg) | SD | p value |
|---|---------------|----|---------------|----|---------|
|   | BGG INAA      | 7.31 | 0.47 | 7.37 | 0.71 | 0.04 |
|   | F INAA        | 9.29 | 3.11 | 7.45 | 0.86 | 0.003 |
|   | BGG Chol      | 1.62 | 0.17 | 1.57 | 0.21 | 0.32 |
|   | F Chol        | 2.08 | 0.70 | 1.74 | 0.25 | 0.015 |
|   | BGG Cr        | 6.55 | 1.51 | 6.60 | 0.91 | 0.29 |
|   | F Cr          | 6.95 | 2.56 | 5.43 | 0.81 | 0.003 |
|   | BGG Glx       | 13.99 | 2.89 | 13.31 | 2.79 | 0.39 |
|   | F Glx         | 15.15 | 6.06 | 5.05 | 2.11 | 0.004 |

Graph 1: MR spectrum acquired from FWM of a patient.

Conclusion. The results show that HIV-associated changes are present in asymptomatic people which may be contributing to the early neurocognitive decline. Knowledge of metabolic changes within studied brain regions can help understand the pathology and design interventions to cater to this unmet need in people living with HIV.