Acute toxic leukoencephalopathy induced by presumed synthetic cannabinoid intoxication – a case report (EPO-519) E. Szymkowicz^{1,2*}, O. Neumann^{3*}, L. Sanz^{1,2*}, O. Gosseries^{1,2}, A. Thibaut^{1,2}, J. Liepert^{3*}, S. Laureys^{1, 2, 4*}

Background

Leukoencephalopathy

category of central nervous system disorders affecting the white matter structure, potentially induced by exposure to exogenous neurotoxins such as (synthetic) drugs^[1,2].

29-year-ol patient Male

Glasgow Coma Scale: 3/15 (coma)

The authors have no potential conflict of interest to disclose. References: [1] Patterson et al. Encyclopedia of the Neurological Sciences. 2014, [2] Filley & Kleinschmidt-DeMasters. New England Journal of Medicine. 2001.







Methods	Re
Multimodal assessments	sMF
Structural magnetic resonance imaging (sMRI)	Pers stru mat
 Fluorodeoxyglucose positron emission tomography (FDG-PET) 	FDC
Coma Recovery Scale- Revised (CRS-R)	Glo met rest

Conclusion

Evidence of atypical and delayed neurological recovery after acute toxic leukoencephalopathy.

Added value of functional neuroimaging in diagnosis and prognosis.









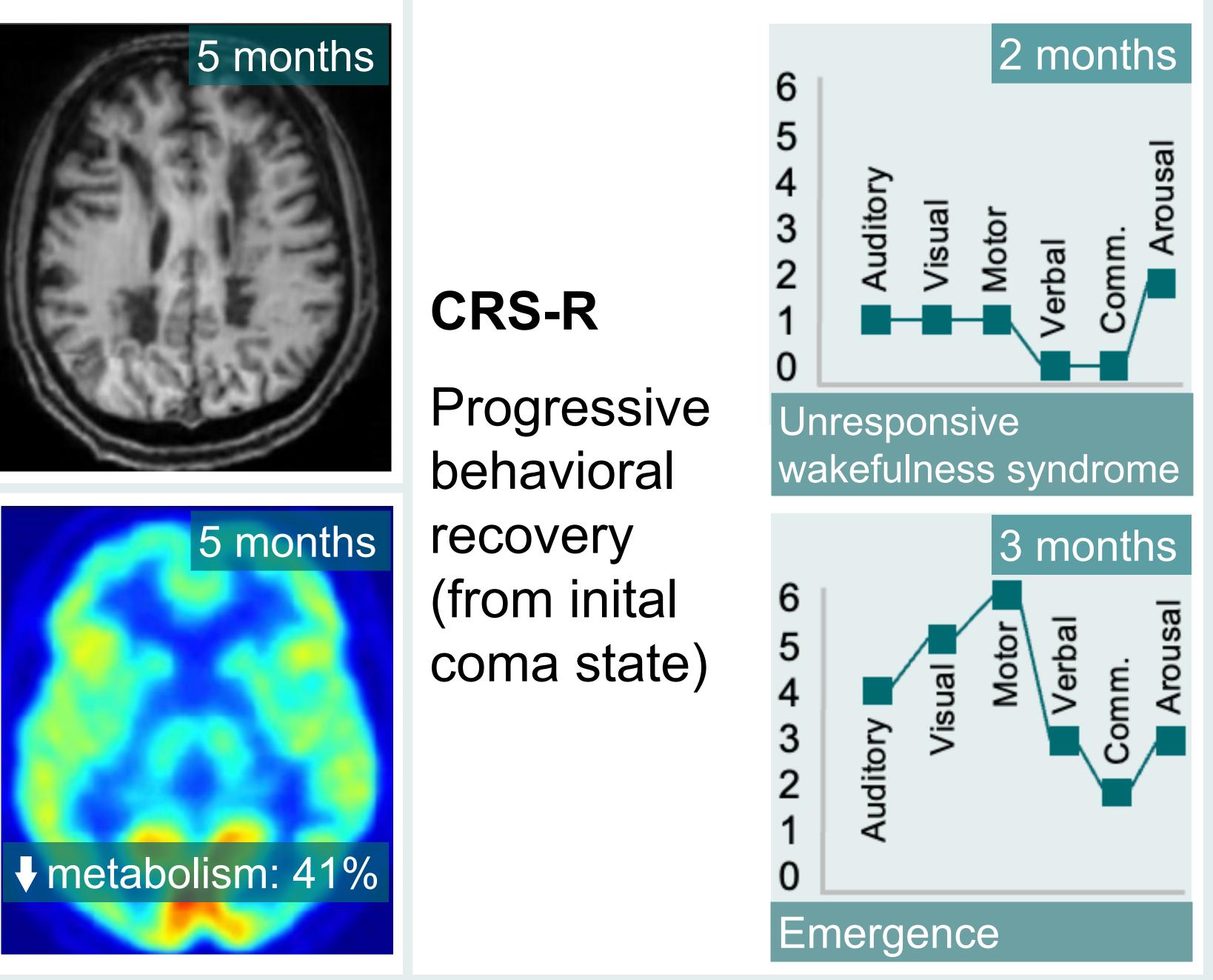


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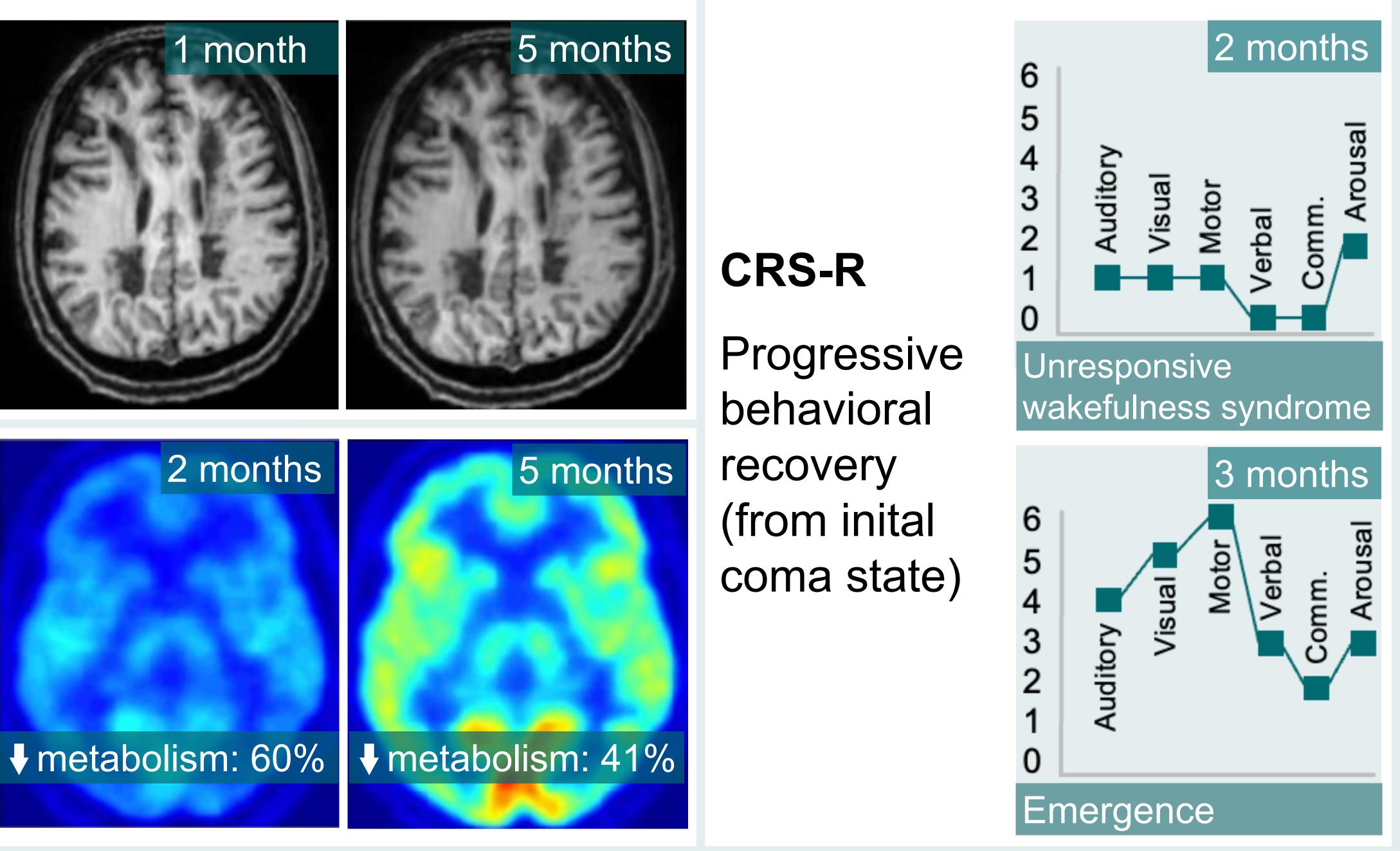
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G-PET Jbal cortical

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Fondation





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