DATA	EVI	TD A	ст	ION
PAIA	EV	MA	61	PIOI

Study description	
Indicate n.a. if data is not given in manuscript	
	_
Study ID	<u></u>
Title	
Title of paper that data are extracted from	
First Author	
THE AUDIO	<u> </u>
Journal	Ę
Year of publication	F
Study design	F
○ Case report	
O Case series	
O Cohort study	
Non-randomized controlled trial	
Randomized controlled trial Other	
Clear above selection	
Data collection	F
Cross-sectional	
Congitudinal	
Retrospective Prospective	
Other	
- Curei	
Clear above selection	

Workgroup-specific quality aspects	
Are the staining protocols appropriate?	F
□Yes	
□No (> consider exclusion)	
□Not available / not applicable	
Clear above selection	
Are the provided histological images of high quality?	
□Yes	
□No (> consider exclusion)	
□Not available / not applicable	
Clear above selection	
How certain is PML diagnosis based on the reported data?	
Uncertain (> consider exclusion)	
□Possible	
□Very certain	
Clear above selection	
Manuscript excluded during extraction	
□No	
□Yes	
Clear above selection	
If excluded, indicate why	
Duplicate	
Reviews	
□Quality issue (see above)	
□Other reason	
Clear above selection	
Comments to quality assessment	F

Patient population and PML diagnosis Number of patients with JCV-associated disease Only patients with JCV-associated disease and tissue analysis fulfill inclusion criteria for the histopathology working group. Thus only these patients Number of patients Patients with JCV-associated disease Female patients with JCV-associated disease Age of patient(s) (mean/median and range) Race and Ethnicity of patients Number of patients Black or African American White Hispanic or Latino Multiple races Not indicated If other, please indicate PML 2013 diagnostic criteria PML diagnostic criteria Number of patients meeting Number of patients not meeting Number of patients with insufficient criteria criteria 2013 diagnostic criteria applied by authors 2013 diagnostic criteria applied by us PML diagnostic certainty Number of patients definite Number of patients probable Number of patients possible PML PMI PML PML 2013 diagnostic criteria applied by PML 2013 diagnostic criteria applied by us Histopathological or clinical criteria fulfilled Number of patients with clinical Number of patients with histopathological and histopathological criteria fulfilled criteria fulfilled clinical criteria fullfilled PML 2013 criteria applied by authors PML 2013 criteria applied by us If histopathological description is not consistent with 2013 diagnostic criteria for definite PML, please explain JCV detected in CSF Number of patients yes JCV PCR analysis performed in CSF before (1st) tissue sampling JCV detected in CSF before (1st) tissue sampling (PCR positive) JCV PCR analysis performed in CSF during entire disease course JCV detected in CSF during entire disease course (PCR positive) Comment JCV detected in CSF

	Number of patients with	Number of patients with serial		of patients with		Number of patients with biopsy a	nd
	biopsy	biopsies	autopsy			autopsy	
Tissue source							
Comment t	issue source						1
Method of	JCV detection						
				1	Number (of patients	
No specifi	c (DNA or protein based) JCV	detection					
IHC applie	d for JCV detection						
ISH applie	d for JCV detection						
Tissue PC	R applied for JCV detection						
EM applied	d for JCV detection						
f IHC appli	ed for JCV detection, please i	ndicate antibody specificity					
	Antigen detected	(VP1, T-Antigen)		Antibody specification/source			
Antibody 1							
Antibody 2							
Antibody 3							
Antibody 4	,						
			'				
	nethod of detection						
f an analys	is war performed for prototype	e / archetype differentiation, please	indicate results a	also here	ð.		

Histopathological characteristics PML subtype / other JCV-associated diseases as indicated by authors Number of patients PML (not other specified) Classic PML (low inflammation) Inflammatory PML / IRIS Granular cell neuronopathy (GCN) JCV encephalitis JCV meningitis Other If other, please specify Please indicate here also when asymptomatic PML was analyzed. General comments for histopatholological characterization E.g. with mixed populations please indicate which PML subtype is described in the histopathological characteristics section Lesion location / location of JCV positive cells □Not given Deep white matter Subcortical white matter □Deep grey matter □Brain stem Cerebellum - white matter □Cerebellum - granular cell layer □Spinal cord □Meninges □Plexus choroideus □0ther Clear above selection PML typical histological characteristics reported Does not exclude that other histopathological characteristics were present, but are not mentioned in paper. Please indicate with "other" any other characteristic histopathological features mentioned by the authors. Enlarged oligodendroglial nuclei / ground glass oligodendrocytes □Oligodendrocyte loss □Demyelination □Bizarre astrocytes □Axonal damage □Tissue necrosis □Macrophage accumulation Lymphocytic inflammation □Other

Clear above selection

Cell populations positive for JCV

Other cells may be plexus choroideus cells, meningeal cells...

□Not given

Oligodendrocytes

□Astrocytes

□Neurons

Other

6

		-
	Number of patients	
Not given / uncertain		
Low inflammation		
High inflammation		
Comment extent or inflammation (e.g. quantita	tive or semiquantitative evaluation, definition of low and high inflammation)	ļ.
0		_
Composition of Inflammation		1
		ŀ
Not given		ļ
Not given Macrophages / microglial cells		ŀ
Composition of inflammation Not given Macrophages / microglial cells T cells CD8>CD4 T cells		L
Not given Macrophages / microglial cells T cells		ŀ
Not given Macrophages / microglial cells T cells CD8>CD4 T cells CD4>CD8 T cells		ŀ
Not given Macrophages / microglial cells T cells CD8>CD4 T cells		ŀ

ouration of symptoms	prior to b	olopsy / autopsy in days	3						
Ouration of symptoms	until PM	L diagnosis in days							
Inderlying disease for	PML or o	other JCV-related disea	ises						
HIV				Nu	mber of patients				
Heme-onc									
MS - natalizumab									
MS - not natalizumab									
Other autoimmune dis	ease								
HSCT	cuoc								
Solid organ transplant	ation								
Primary immunodefici									
Sarcoidosis	,								
Idiopathic PML									
Other									
f other underlying dise	ana nla	ana anasifu							
	, p	,							
reatment before tissu	ie sampli	ng				Number	r of patie	nte	
HAART						Number	or patie	111.5	
Discontinuation immu	nosuppre	essive therapy							
Experimental therapy /	other (p	lease specify below)							
Apheresis									
Steroids									
pecification / Comme	nt for tre	atment							
			-i ab		fua apt and bias	/			
r applicable: Interval b	etween s	stop of immunosuppres	sive therapy or	beginning o	THART and bio	psy / auto	psy in da	ys	
dining warming offer			ally averaged	IDIE					
iinicai worsening arte		e reconstitution / clinic Yes	any suspected	No			Not and	olicable / not given	
Number of patients									
comment clinical wors	ening aft	ter IRIS / clinically susp	ected IRIS						
ADI ciano of IDIC			Enlarging les	g lesions Edema				Not applicable / not giv	jiven
IRI signs of IRIS	Gadoli								
IRI signs of IRIS	Gadoli								
-									
Number of patients									