

2013

166 2013 2⁷⁾ 2001 1 2011 3 SEGA¹ 2² 63%¹ 20¹ 42³ 65¹ TSC2¹ 32⁸⁾⁻¹¹⁾ 1 p<0.0001 2 p=0.0005 χ^2 93³ 83%³ NMI³ 39% 3 p<0.0001 χ^2

2

	95% CI	p	
SEGA	77	70-84	50-100 1.00 ND
SEGA	2	0-5	10-35 <0.0001 L
	63	56-70	75-95 0.0005 L
	20	14-26	50 <0.0001 L
	42	34-49	65-75 <0.0001 L
Level 3	3.6	1-6	
Level 2	21	15-27	
Level 1	17	11-23	
	21	15-27	25-50 0.24 ND
	71	64-78	64-78
	61	53-69	45-55 1.00 ND
>4cm	29	22-36	
	28	21-35	15-32 0.65 ND
	2.6	0-5	2 0.59 ND
	79	71-87	
LAM	39	29-49	2-40 0.92 ND
MMPH	71	62-80	
	98.8	97-100	
	93	89-97	75-80 <0.0001 H
	46	38-54	12-40 0.13 ND
(>3)	65	58-72	>90 <0.0001 L
	83	77-89	20-57 <0.0001 H
	64	57-71	15-80 1.00 ND
	49	39-59	

Pathology	%	95% CI	n	p	Significance
Pathology	46	37-55	40-60	0.90	ND
Pathology >20					
Pathology >20	57	43-71			
Pathology	28	14-42			
Pathology					
Pathology	27	18-36			
Pathology					
TSC1	28	18-38	20	0.08	ND
TSC2	32	21-43	66	<0.0001	L
Pathology NMI	39	30-52	20	<0.0001	H

SEN
 SEGA
 LAM
 MMPH multifocal micronodular pneumocyte hyperplasia
 CI
 H
 L
 ND
 χ^2

Wataya-Kaneda M, et al. PLoS ONE 2013; 8: e63910

50 80 20 52 130 90 36 10
 10 19 30 39 1

Image

図2 結節性硬化症の年齢期ごと起こり得る死因



SEGA : 上衣下巨細胞性星細胞腫、肺LAM : 肺リンパ脈管筋腫症

Umeoka S, et al. RadioGraphics 2008; 28: e32より作図

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