

David Rendell

- Hamilton based Sheep & Beef Cattle Vet Consultant since 1979
- BVSc MACVSc (sheep) MBA Cert IV Workplace Training
- International profile, delivered sheep presentations throughout Australia, Canada and NZ
- 1989 - 2001 Co- Manager of Bellwyn Past Co
- AVA rep on Ministerial Animal Welfare Advisory Cmte
- Deputy Chairman Vic OJD Advisory Cmte 2002-8



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Sheep MAP case study

- Closed flock apart since 1905
 - except last 50 years < 20 sires (from flocks that are currently MN2 or MN3)
- 1960 last lice incursion
- Completed double boundary fence soon after
- Nil footrot 90 years
- No water entry points
- Joined Sheep MAP in 1997



Sheep MAP case study

- Tested negative in
 - 1997, 1999, 2001 (MN3), 2003 & 2005
- Jan 2007
 - 1 of 2 PFC positive
- Nov 2007
 - Negative Abattoir 700 test
 - Repeat PFC of same 50 sheep positive in Jan was negative
 - PM of skinny sheep clinical OJD confirmed
- only other of 24 Sheep OJD MAP clients who chose not vaccinate also tested positive in 2008



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Google Animal Health Australia

[Johne's Disease](#)

www.animalhealthaustralia.com.au/programs/jd/jd_home.cfm Provides information on the disease, the National Johne's ...

[Programs and Projects](#)

www.animalhealthaustralia.com.au/programs/ Programs and Projects. Animal Health Australia manages a ...

[About Us](#)

www.animalhealthaustralia.com.au/about-us/ About Us. Animal Health Australia - 'working together for animal ...

[Training Centre](#)

www.animalhealthaustralia.com.au/training-centre/ Training Centre. Since its inception in 1996, one of the core ...

[AUSVETPLAN](#)

www.animalhealthaustralia.com.au/programs/.../animal-disease.../ausvetplan/ animal health australia logo home about us programs and projects ...

[Publications](#)

www.animalhealthaustralia.com.au/publication s/Animal Health In Australia Current Archive. EADRA. AUSVETPLAN ...

National notifications of five zoonotic infections in humans (2011)

Animal Health Surveillance — Volume 17 Issue 1 : **Table 20**

Abattoir Surveillance Data

- Only direct sales to abs
- Not some major abs
- Several years out of date
 - Clinical cases usually take 2-4 yrs to develop
 - Most surplus sheep are CFA (5.5 + Y-O)
- High false negative
 1. MAP case study previous slide
 2. Client sold 3000 + MA sheep direct to ab
 - 1428 were reported inspected all negative
 - I detected a clinical cases easily

2002 Dept Of Ag training session for vet accreditation to sell Gudair



Picking skin up
prior to injecting
recommended
practice

Injection
between ears

Lots of hands
near the needle



Vaccination workshop



Using dark red B12 readily stains wool if miss inject



One drop of
Vitamin B12
miss-inject is
readily seen

Activity Sheet

Age of sheep	Wool length			
Needle gauge	Needle length			
	No injected			
B12 wool stain at injection site				
Injection site:				
Ideal	2-3 cm below ear:			
Adequate	3-6 cm below ear:			
Not satisfactory	>6 cm below ear:			
Risk of injecting:	other hand	High	Med	Low
	Any part of operator body	High	Med	Low
Operator injury risk (<i>other than self inject</i>)		High	Med	Low

Activity Sheet completed by a peer

Age of sheep	<i>1-Y-0</i>	Wool length	<i>3 months</i>		
Needle gauge	<i>18g</i>	Needle length	<i>1/2"</i>		
		No injected	<i>6</i>		
		B12 wool stain at injection site	<i>1</i>		
Injection site:					
	Ideal	2-3 cm below ear:	<i>111</i>		
	Adequate	3-6 cm below ear:	<i>11</i>		
	Not satisfactory	>6 cm below ear:	<i>1</i>		
Risk of injecting:		other hand	High	Med	Low
				<i>1</i>	111
		Any part of operator body	High	Med	Low
				<i>1</i>	111
Operator injury risk (<i>other than self inject</i>)			High	Med	Low
					111

Pre Training results

- 20 – 80% of miss injection (i.e. red wool)
- Even though know they will be checked by their peers
- Increased risk with
 - Picking up skin with non preferred hand ~25% error
 - attempt to insert on an angle
 - Longer wool



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OJD

- just do it (*vaccine*)
 - But store it & give it well
- Keep the status quo



Is Crohns Disease “The Elephant in the Room”

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JD & Crohns

First commented on 100 years ago

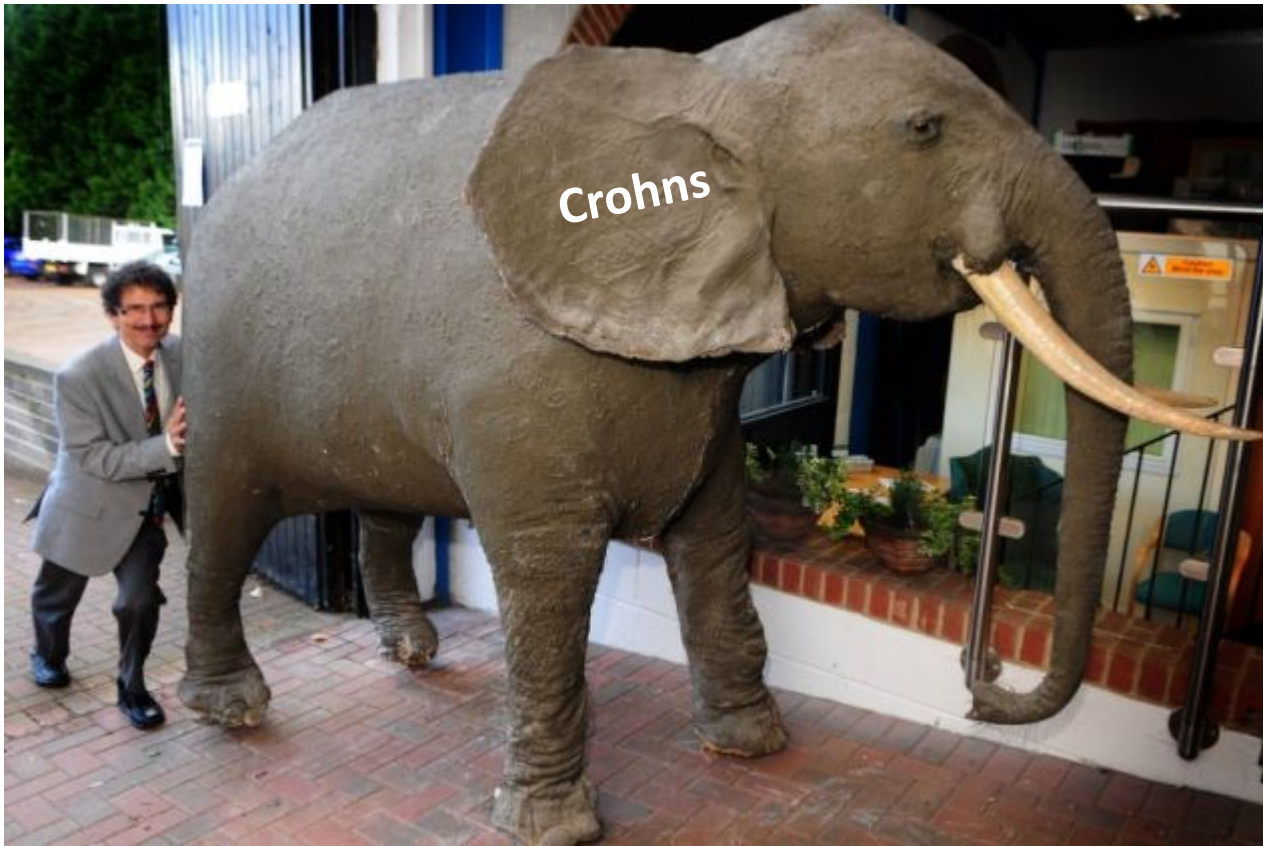
“The histological characters and the naked eye appearance are similar”

Dalziel in 1913 British Med J

- The connection remains highly contentious

JD & Crohns

- Pathology similar but quite different
- JD bacteria easy to culture and see in sections in JD not Crohns
- Prevalence of Crohns same in WA & Vic until recently negligible JD in WA cattle or sheep
- Prospective parallel, placebo controlled, double blind, randomised trial of 2 years combination antibiotic treatment of active Crohns Disease and a year follow up produced no evidence of any sustained benefit Selby et al 2007



Or is it a man made elephant being pushed into the room

Even with \$ & effort get JD prevalence down

- No evidence will work long term without ongoing vaccination
- No evidence will reduce Crohns Disease
 - Prevalence of Crohns same in WA & Vic
- ?? evidence of any market advantage
 - OJD endemic in all other major overseas markets

OJD Straggler



OJD Straggler

