

Giaconda Limited
2006 Annual General Meeting

CHALLENGING AN ACCEPTED DISEASE PARADIGM

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Peptic Ulcers – A Brief History of Treatment & Paradigms

1910 – 1980's Schwartz's "No acid, no ulcer"

Thou shalt not:

- *Enjoy curry or spicy foods*
- *Enjoy a regular beer with your friends*
- *Argue with your wife or in any other way get stressed*
- *Smoke*



But you will consume many vile antacids



Peptic Ulcers – A Brief History of Treatment & Paradigms

- 1968 – Greek doctor, John Lykoudis fined by medical authorities for treating ulcer patients with antibiotics
- 1982 – Warren & Marshall study *H.pylori*, commence work on relationship between bacterium and ulcers
- 1983 - Gastro. Society of Australia rejects Marshall's abstract submitted to yearly conference, deeming it in the bottom 10% of papers submitted
- 1984 – Borody develops “Triple Antibiotic Therapy”..>90% cure of ulcers
- 1986 - President of Gastro. Society of Aust. writes to Borody to justify use of antibiotics in ulcer patients



Peptic Ulcers – A Brief History of Treatment & Paradigms

- 1990 - World Congress of Gastroenterology recommends Borody “Triple Therapy” for eradicating *H. pylori* to cure duodenal ulcers
- 1994 - Conference held by National Institute of Health (USA) demonstrates general acceptance of *H. pylori* as cause of ulcers in the US
- 1997 – CDC launches educational campaign on treatment of ulcers with antibiotics in conjunction with National Infection Control Week
- 2005 - Warren and Marshall are awarded the Nobel Prize in Physiology/Medicine for their work on *H. pylori* and PUD



Peptic Ulcers – A Brief History of Treatment & Paradigms

1990's "H.Pylori causes 90% of peptic ulcers"

Now You Can:

- *Enjoy curry and spicy foods*
- *Enjoy a regular beer with your friends*
- *Argue with your wife or in any other way get stressed*



But your ulcer needs to be treated with antibiotics, just like any other infectious disease



History repeating itself with Crohn's Disease

Generally accepted disease paradigm:

- Crohn's is an autoimmune disease
- Standard treatment involves treating symptoms only:
 - Anti-inflammatory drugs
 - Immunosuppressive drugs
 - Surgery..>70%

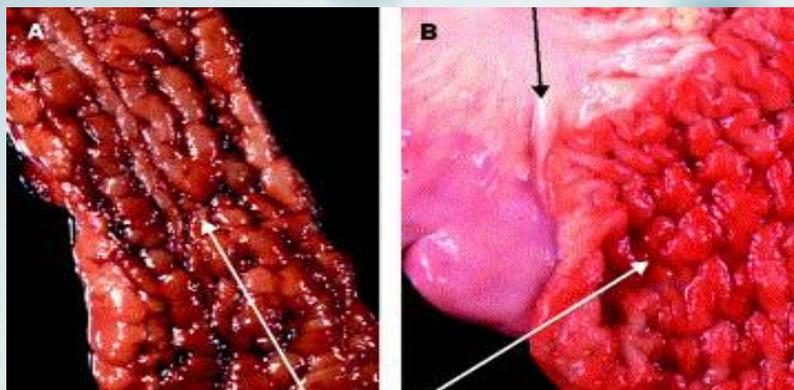


History repeating itself with Crohn's Disease

- 1895 *Mycobacterium avium* spp *paratuberculosis* (MAP) discovered
- 1895 MAP infection identified as cause of Johne's disease
- 1913 Researchers including Dalziel propose *Mycobacterium* as cause of Crohn's



Johne's Disease v MAP



Johne's Disease

Crohn's Disease

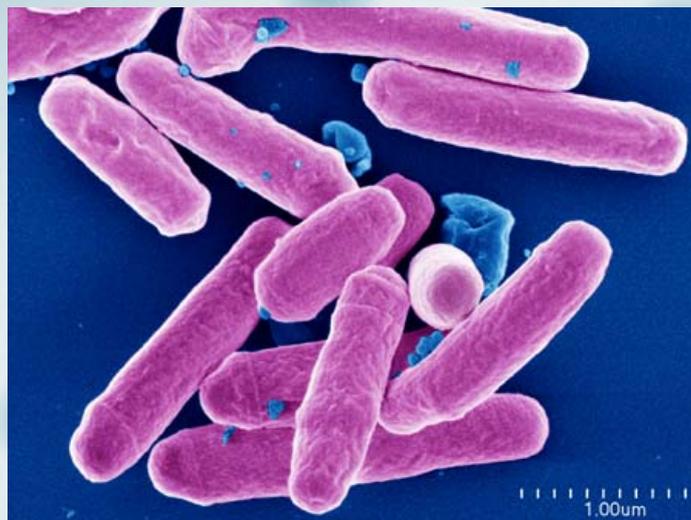


Crohn's as an Infectious Disease

- 1980-90's Isolating MAP infection in Crohn's patients – Chiodini; Hermon-Taylor; Saleh Nasser..others
- 1998 NIH / NIAID workshop on MAP relationship with Crohn's
- TODAY Gastroenterologist's resistance to an infectious disease paradigm



Mycobacterium Avium spp Paratuberculosis



A New Treatment Paradigm - Myoconda®

- A triple antibiotic therapy for the eradication of MAP infection
- Clinical results encouraging
- Giaconda finding support for this paradigm with the infectious disease community
- Giaconda approaching regulatory authorities (EMA & FDA) presenting a new treatment paradigm



Next Steps

- Regulatory authorities are supporting this paradigm enthusiastically and providing advice on establishing link in the next clinical trial
- Giaconda working closely with infectious disease community to establish the new paradigm
- Clinical trial to commence in Q1 CY07



Thank you

Please feel free to ask
questions

