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CHANGE FOR THE BETTER

Health Management Institute of Ireland
Annual Conference
30 September 2015
www.hmi.ie



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**Connected Health:
Technology as a
Game Changer**



Prof. Seamas Donnelly
*Professor of Medicine, Tallaght Hospital &
Trinity College Dublin*

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.... what connected health means to me



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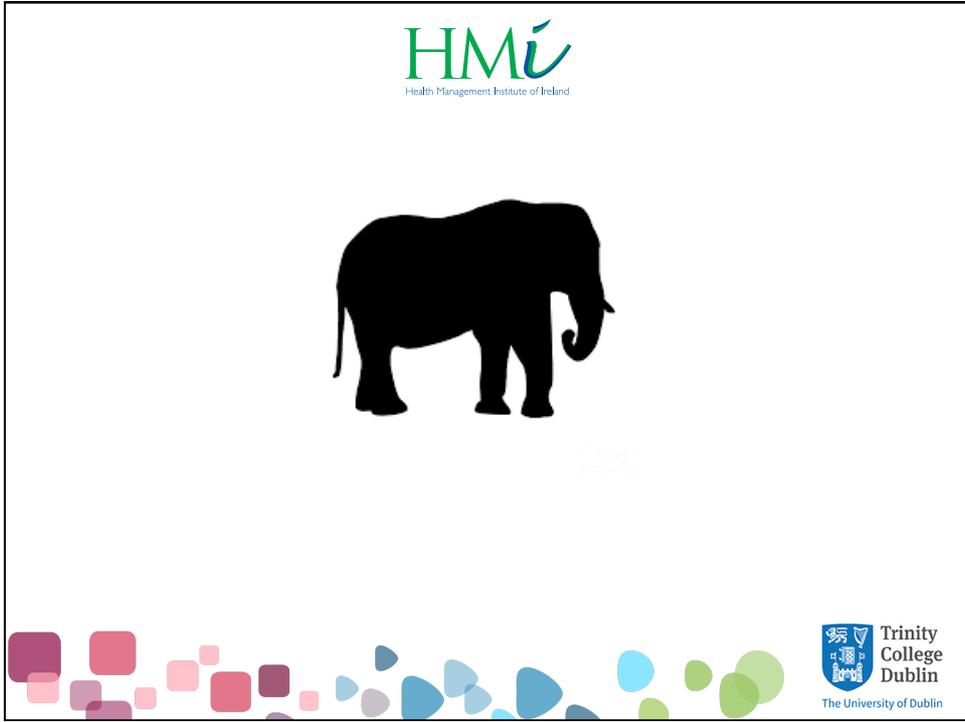
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.... we will all be patients some day



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\$5,152 (2001)
\$12,019 (2015)



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- Heart Failure
- COPD
- Asthma
- Diabetes
- Thrombosis

Healthcare Costs



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2010
5 million

An Ageing Population



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	2010 5 million
	2050 21 million

An Ageing Population



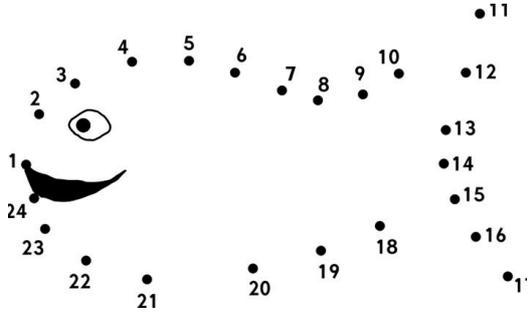
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... impediments



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..... joining the dots



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reimbursement model



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Affordable Care Act (2014)



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Cell & Molecular
Biologist



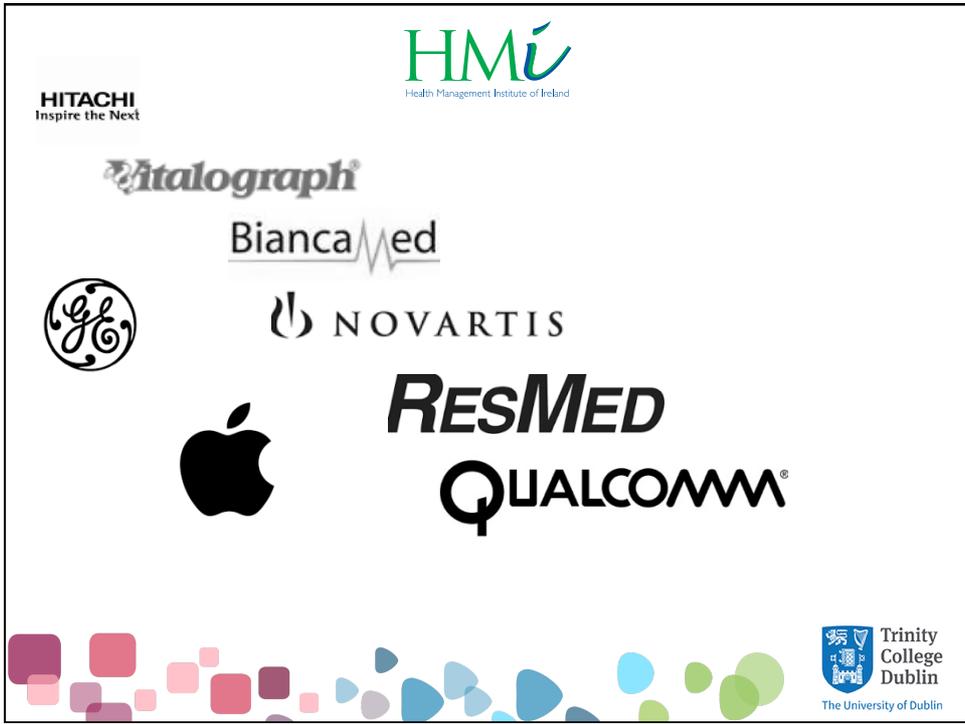
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Chronic Obstructive Pulmonary Disease



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Inhaler Compliance



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Therapy at Each Stage of COPD*

I: Mild	II: Moderate	III: Severe	IV: Very Severe
<ul style="list-style-type: none"> • FEV₁/FVC < 0.70 • FEV₁ ≥ 80% predicted 	<ul style="list-style-type: none"> • FEV₁/FVC < 0.70 • 50% ≤ FEV₁ < 80% predicted 	<ul style="list-style-type: none"> • FEV₁/FVC < 0.70 • 30% ≤ FEV₁ < 50% predicted 	<ul style="list-style-type: none"> • FEV₁/FVC < 0.70 • FEV₁ < 30% predicted or FEV₁ < 50% predicted plus chronic respiratory failure
<p>Active reduction of risk factor(s); Influenza vaccination</p> <p>Add short-acting bronchodilator (when needed)</p>			
<p>Add regular treatment with one or more long-acting bronchodilators (when needed); Add rehabilitation</p>			
<p>Add inhaled glucocorticosteroids if repeated exacerbations</p>			
<p>Add long term oxygen if chronic respiratory failure. Consider surgical treatments</p>			

Chronic Obstructive Pulmonary Disease

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Clinical Trials

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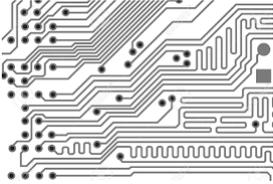


Clinical Trials



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Smart Inhaler
encrypted electronic date stamp



 shimmer

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“Wellness”
Individualised predictive matrix



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Thank You

תודה
Dankie Gracias
شكراً
Спасибо
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Děkojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Tak
感谢您 Obrigado Teşekkür Ederiz
Σας ευχαριστούμε 감사합니다
Бодомол
Bedankt Děkujeme vám
ありがとうございます
Tack



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