ACHILLES HEALTHYMAGINATION VALIDATION

INTRODUCTION

GE’s Healthymagination innovations are validated based on the proven level of contribution towards GE’s Healthymagination goals of enabling 15% reductions in cost and 15% improvements in access and quality of healthcare. Innovations to be validated are submitted, along with supporting technical documentation, to Oxford Analytica whose independent network of scholar experts uses a predefined scoring system to assess the strength of the evidence supporting the innovation’s claims.

ACHILLES ASSESSMENT

Achilles has been awarded Healthymagination validation by external independent experts Oxford Analytica on cost, access and quality.

Cost

Current evidence suggests that Achilles has the potential to reduce cost for the assessment of osteoporosis risk compared to other technologies which may be inaccessible or excessively costly in some markets. For example, Achilles could enable savings of approximately 53% to 73% over Dual-energy X-ray Absorptiometry (DXA) products.

Access

Achilles has been designed to target underserved markets and its performance is excellent, as shown by its “very high” level of confidence rating from the International Society of Clinical Densitometry (2007). Achilles has been successfully introduced into target markets, notably Asia.

Quality

QUS provides similar levels of accuracy to DXA in assessing fracture risk, thus showing the potential for similar reductions in the rate of hip fracture (37.2% reduction through DXA). Improvements in quality of care also result from Achilles’ use of non-ionising radiation.

53% - 73% savings over DXA products

Achilles was rated as having a “very-high” level of confidence by the ISCD

Potential 37.2% reduction in hip fracture rates
ABOUT OXFORD ANALYTICA

Oxford Analytica is an independent, Oxford-based international research firm, drawing on over 1,500 senior faculty members at Oxford and other major universities and research institutions around the world. It provides seasoned judgment on national and international affairs and independent analysis of global events, trends and their impact to governments, international organisations, financial institutions and multinational corporations. Oxford Analytica has built an international reputation as the industry standard for strategic intelligence and analysis of geopolitical, macroeconomic and social developments worldwide.

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