

Bell Potter Healthcare Conference November 2021

StraxCorp, ACN 140 706 618

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Investment Summary

A Global Problem

- 1. Bone Mineral Density (BMD) used to identify bone fragility
 - Dual energy X-ray 2D BMD (over 95% of screening)
 - Preexisting scans with CT 3D BMD
- 2. Up to 80% of fractures are not identified by BMD Osteoporosis
- 3. Despite safe & effective therapy a fracture crisis has emerged
- 4. KOL's addressing by expanding the definition of Osteoporosis
 - The fracture is the new diagnostic for fragility
 - Fracture Liaison Service (FLS) program focus on Fx's
- 5. US FLS site target NBHA targeting 1000 FLS's by 2020

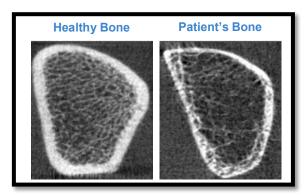
A Global Solution

- 1. Bone microstructure is the primary cause of fragility not bone density
- 2. Strax platforms do both high-resolution CT & Deep Learning AI
 - 3D bone density at the hip or wrist
 - SFS at the wrist direct assessment of bone microstructure
 - Strax uses IP protected deep learning AI in vBMD & SFS
- 3. Strax Micro CT FDA cleared aids visual assessment of microstructure
- 4. Strax Fragility Score (SFS) AI scan processing & Fx assessment
 - SFS & vBMD FDA clearance targeted for Q4 2022
- 5. SFS a primary care AI diagnostic for Integrated Health Networks

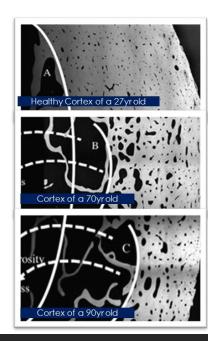




Today - 2D Bone Mineral Density (BMD) on dual energy X-ray (DXA)



Tomorrow - High resolution CT for BMD & bone microstructure determinations



Investment Summary (Cont.)



A Global Business Model

- 1. US based manufacturer of CT Scanners
- 2. Swiss financier targeted leasing imaging center & FLS devices
- 3. SaaS Business Model taraet
 - CT placed at no charge for minimum billed reports
 - Targeting each placement minimum A\$0.5m annuity
- 4. Favorable reimbursement position US, Australia, France
 - Imaging chains or hospital FLS's CT BMD covered for 1. screening NCD 150.3 (US\$60 -\$140/scan)
 - ii SFS (non-osteoporotic Fx patients) – US only - NCD 220.1 for coverage argument (US\$180-\$260/scan)

A Global Business Opportunity

- 1. Large global market opportunity for bone fragility screening
 - Phase 1 market CT BMD US estimated at A\$2.4Bm/year
 - Phase 1 market CT SFS US estimated at A\$500 to \$800m/year
 - Phase 2 global screening market has a SAM of A\$72B
- 2. A\$19m Private Placement in August 2021 to support commercialization
 - Beta testing for FDA cleared CT,
 - FDA filings & clearances hip vBMD (Q4 2022), wrist SFS (Q1 2023)
- 3. Good institutional investor register building from placement e.a. Karst Peak Capital, Ilwella, Cap M



sual	assessment

Al assessment

Q1 2023

FDA cleared CT for scan only



Primary Care - Strax High Resolution CT scanner of wrist (80micron) - SFS



FDA, CE, TGA cleared CT, target vBMD Q4 2022



Strax High Resolution CT scanner of hip & wrist – vBMD hip, SFS wrist Imaging centers servicing FLS & Hospital based FLS

MD visual assessment

Board & Senior Management



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Robert Lilley Chairman, BA (Yale)

40 years experience - SVP, Global Sales & Marketing for Digene Corp from IPO to acquisition by QIAGEN NV (in 2007) creating market & technology leader in molecular Dx. Then, Senior Advisor/Molecular Diagnostics for QIAGEN. Consultant to John D Rockefeller 3rd Fund, 23andMe, Immunexpress Pty Ltd (Chair), Vertex Pharma, OpGen.



Gregory Brown CEO, B.app.Sc, MBA

35 years healthcare business experience in medical devices & IVD's. International roles for Baxter Diagnostics (Australia & UK), Global Marketing Roche Molecular (Switzerland/New York), VP Global Marketing Digene Corp (DC/Germany), 2006-2012 MD ImpediMed (IPD), 2013 – 2021 StraxCorp; **Board experience**: Trinity Biotech (NASDAQ), ICS, CRC for Dx, IXP, IPD(ASX), GTG (ASX), Minomic, UniQuest (UQ)



Hashan De Silva (NED), BS (Medicine), Masters of Commerce & CFA

Hashan is presently the head of 'Healthcare Research' for Karst Peak Capital. He was previously the Lead Healthcare Analyst at CLSA Australia and the Associate Healthcare Analyst at Macquarie Bank, covering ASX-listed healthcare companies. Preceding his entry into finance, he gained industry experience while working at Eli Lilly Pharmaceuticals (with experience in their bone health therapies). He was also a Lieutenant in the Australian Army Reserves, serving from 2006 to 2014. Hashan holds a Bachelor of Science (Medicine) and a Masters of Commerce (Finance) from the University of New South Wales and is a CFA charter holder



David Seeman (NED)

Arts (Philosophy)/Law degrees at Monash University during which time he worked with the Hon. Justice Finkelstein of the Federal Court of Australia, Barrister at Victorian Bar, Lawyer, Norton Rose (Melbourne). David's experience includes appearance & advice work in Work cover, TAC, medical & professional negligence & public liability matters



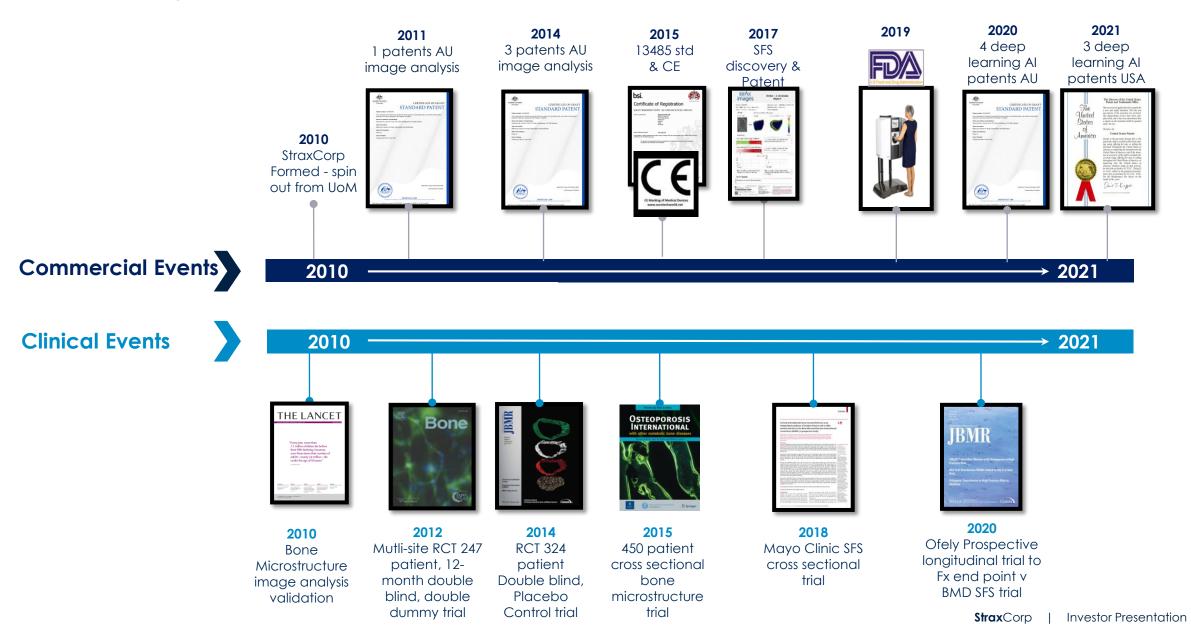
Ura P Auckland (Company Secretary, CFO & COO)

FCPA, GAICD, B.Bus, G.Dip Company Secretarial Practice, Columbia University Snr Exec Program 2002. Twelve years experience in commercialisation of medical devices & medical diagnostics in global markets, two successful ASX IPOs, extensive acquisition experience on & offshore, strong commercial & people leadership, 25 years in governance & strategic growth businesses, including as a founder.



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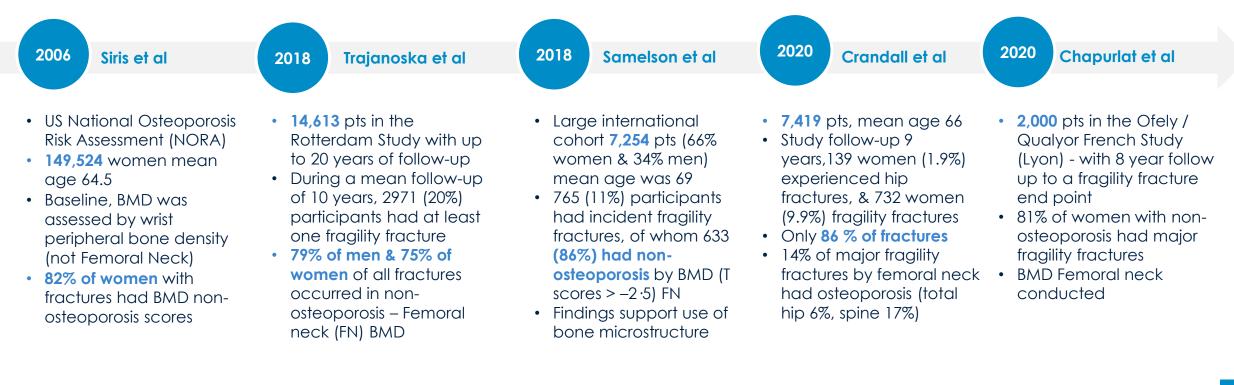
A Ten-year journey of clinical & commercial milestones





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Evidence of DXA (2D) BMD misdiagnosis is widely published











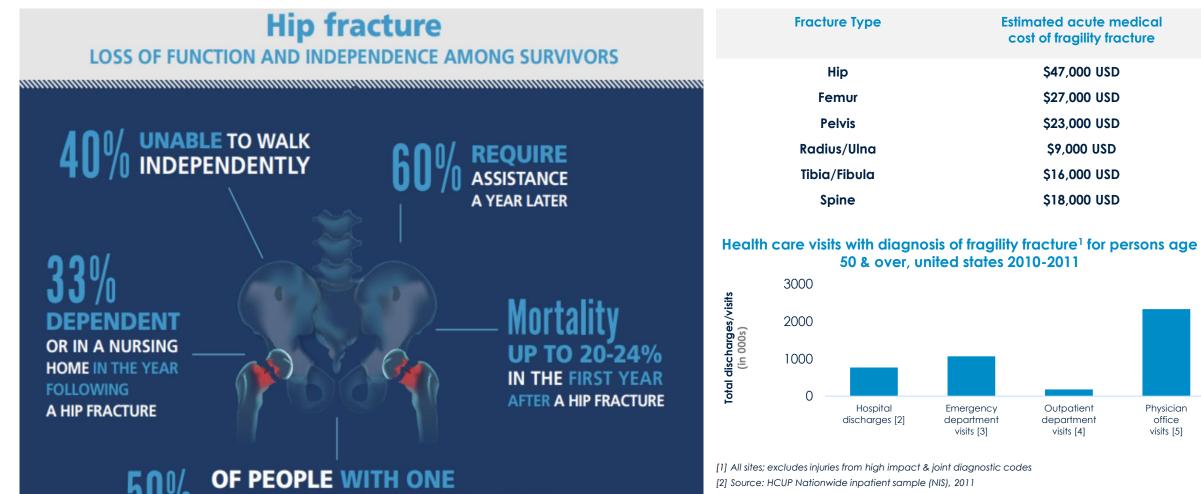


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Fragility fractures are a major issue – underdiagnosed/undertreated by DXA BMD



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COPOROTIC FRACTURE WILL HAVE ANOTHER[3] Source: HCUP Nationwide Emergency Department Sample (NEDS), 2010

[4] Source: National Hospital Ambulatory Medical Care Survey_Outpatient Department (NHAMCS_OP), 2010[5] Source: National Ambulatory Medical Care Survey (NAMCS), 2010

A fragility Fx often leads to another – FLS designed to stop further fractures due to BMD





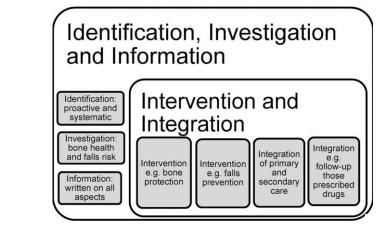
International Osteoporosis Foundation (IOF) – Osteoporosis Day October 2020

"Despite its enormous burden to patients and their families, <u>approximately 80%</u> of even the most high-risk patients, who have already fractured, are not receiving treatment. Through the implementation of Post-Fracture Care (such as Fracture Liaison Services) these services ensure that patients with fragility fractures are correctly assessed, diagnosed & treated to minimise the risk of experiencing a further fracture."

Fracture liaison Services (FLS)

An estimated 70% of fragility fractures are still non-osteoporotic after first fracture, which aids in the misdiagnosis of fragility

FLS is a post-fracture coordinated care model. They are multidisciplinary healthcare delivery models for further fragility fracture prevention. Systematically, <u>they aim to identify, diagnose</u> <u>and treat</u> (by referral) all eligible patients within a local population who have suffered a fragility fracture, with the aim of reducing risk of subsequent fractures.



Strax Proposed Platforms - US target markets





US 'Integrated Networks' (shared savings) & small independent FLS sites

- 1. OEM agreement in place moving to beta site program to support launch
- 2. Primary care settings for improving patient access to improve prevention of first fractures Integrated Network Systems for fragility fracture (Intermountain, Kaiser, Geisinger, UPMC)
- 3. Small FLS sites & smaller hospitals doing their own imaging for fracture follow up
- 4. Larger hospital FLS sites with independent imaging capability
- 5. CT based imaging of the wrist for SFS of non-osteoporotic fracture patients
 - SFS reimbursement argument under NCD 220.1 to be tested
 - CPT code Category 1 CPT 73200 Diagnostic radiology of the upper extremity
 - Payment ranges from \$180 to \$240 per scan

Large Imaging chains – US & Australia – SaaS model

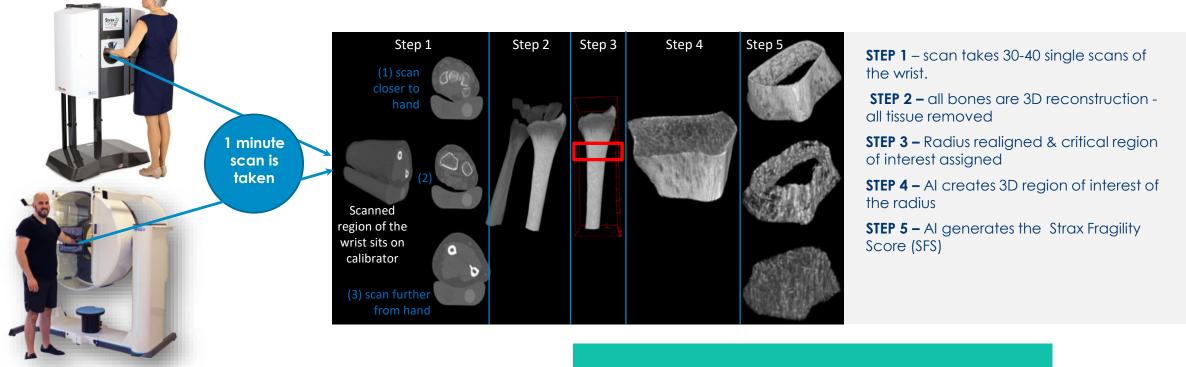
- 1. Imaging platform expansion agreement targeted 2021 (Heads of Agreement signed)
- 2. Offers negligible radiation CT scan of hip & wrist high resolution CT
- 3. Will target large medical imaging chains USA (e.g. SimonMed, CDI) & Australia
 - Servicing GP's directly for CT based BMD (presently covered service in US & Aus)
 - Smaller FLS sites & hospital groups for SFS & BMD follow up of fracture patients who are non-osteoporotic by BMD
 - CT based vBMD reimbursed under
 - USA Bone Mass Measurements (NCD 150.3); Code 77078 CT, bone mineral density study; axial skeleton (e.g., hips, pelvis, spine) – to be tested
 - Australia Australia covers CT BMD Medicare ref. no. 12320 & 12322 for screening only – CT coverage to be confirmed – for \$106 payment
 - USA SFS as above for secondary Fx prevention coverage to be tested

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Strax AI Engine & Strax Fragility Score (SFS) – FDA targeted Q4 2022



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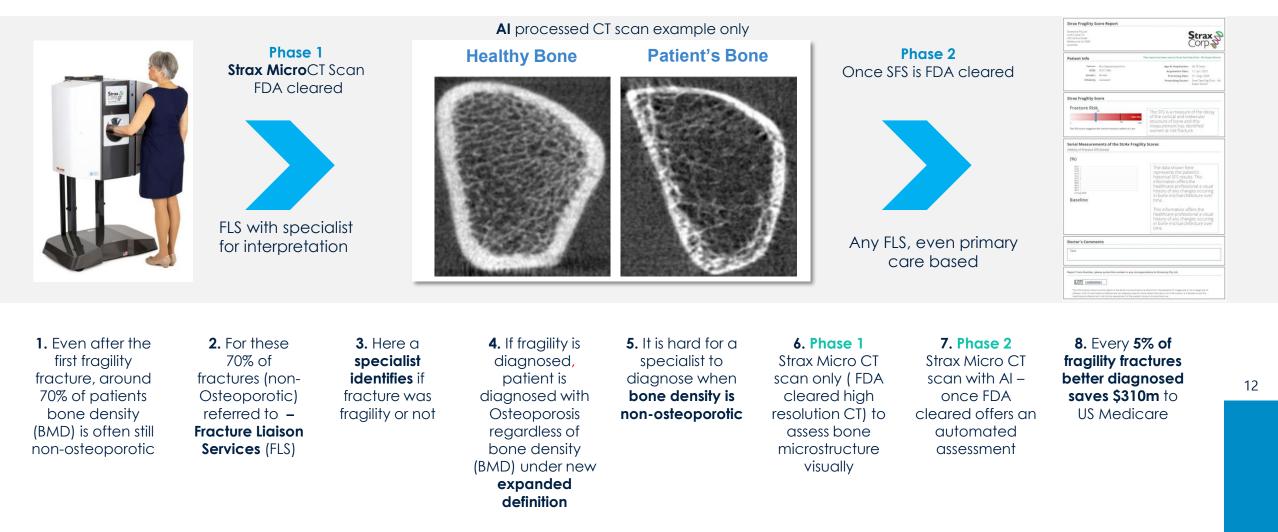
The Strax Deep Learning AI engine

 allows non-specialists to take a highresolution scan in either a primary care setting (GP office) or imaging center/hospital setting. It allows accurate assessment of bone microstructure & fragility fracture risk

- The AI process is patent protected
- The scan is around 1 minute
- Very low radiation (3-5 uSv)
- Can be used in a doctor office, imaging center or hospital
- Al processes the Micro CT scan of the wrist automatically
- The AI engine allows non specialists to readily reach an accurate fragility diagnosis
- Al platform is CE marked & targeting FDA 510K Q4 2022

Strax Micro CT targeted to launch first then upgraded to AI SaaS reports





Bone Fragility Diagnostics Market Overview



US Fracture Liaison Services - SFS market Estimated Serviceable Obtainable Market (SOM)



US (Hospitals/imaging centers) > 65 years

ASSUMPTIONS

USA Fracture Liaison Service (FLS) sites

Targeted to Endocrinologist, Geriatrician & Rheumatologist run FLS sites - through Imaging chains, hospitals Based on a A\$150- \$200 per test charge

US & Europe Serviceable Available Market (SAM) Total market not annualised

 Total Screening Market

 A\$72B

 Future Screening Market (BMD & SFS) > 50-years

 ASSUMPTIONS

Over 65 year old screening is the existing guideline Guiding protective therapy 4 tests over patient life Test cost of A\$200 to Strax

USA Targeted roll out



Stage One	Stage Two	Stage Three	Stage Four
 Strax Micro CT Validation SaaS Model Austin Hospital Correlation study of Strax to Scanco Micro CT conducted prospectively SFS1 & SFS2 validation in place for primary fracture prevention Heads of Agreement for Strax HiRise –vBMD & SFS product specs in place Publication submission on SFS2 	 US beta site Implementation Target - beta site Strax HiRise unit for strategic imaging chain servicing FLS & GP primary screening markets in US Target – Network beta site & Screening protocol Complete final design of system to optimise functionality & workflow Collect first data on vBMD & SFS performance with CT in 2nd Fx market 	 Commercial Imaging Centres Expansion Launch Australian Market for Strax HiRise vBMD through imaging chains US Integrated Network performance for screening on wrist device complete for broader validation CPT coding, payment & coverage for using CT scan for hip vBMD & wrist SFS (non-osteoporotic) tested 	 US FLS expansion FDA clearance for HiRise & Strax Micro CT SFS Expand market through imaging chain direct sales to GP's and FLS sites Complete major network capitation model for primary screen through GP's & clinics
Stage 1 complete	Targeting Beta testing to be completed by CY 22	 Strax HiRise BMD FDA, TGA by end CY22 Target of 5 sites billing by CY 22 	 SFS FDA clearance Targeting 10 sites Q1 CY 23 Targeting 20 sites Q4 CY23

Each placement targets a SaaS annuity of A\$250,000 to A\$500,000 – reimbursement coverage critical to drive SaaS sales

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A Leasing + SaaS business Model - for reducing financial hurdles for adoption

US Manufacturing Partner

- Proprietary FDA cleared Strax Micro CT (High Resolution) has its final assembly on US East Coast – components outsourced
- Has the capability to phase up to 20-50 devices per month – 3-6 month lead time
- Full US based service and installation team
- Service contracts offered through
 partner

Swiss Financing Partner

- Targeting finance through Swiss
 medical device leasing company
- Financed through leasing & placed at clinics for no cost (for a minimum contract usage requirement)
- Targeted lease through Swiss financing estimated cost of US\$4000 per month for a primary care CT device, US\$8000 for Imaging center Strax HiRise CT
- Placement of a Strax CT has no impact on clinics' balance sheets
- Minimum usage account 10 scans per day (\$350,000 per year account)

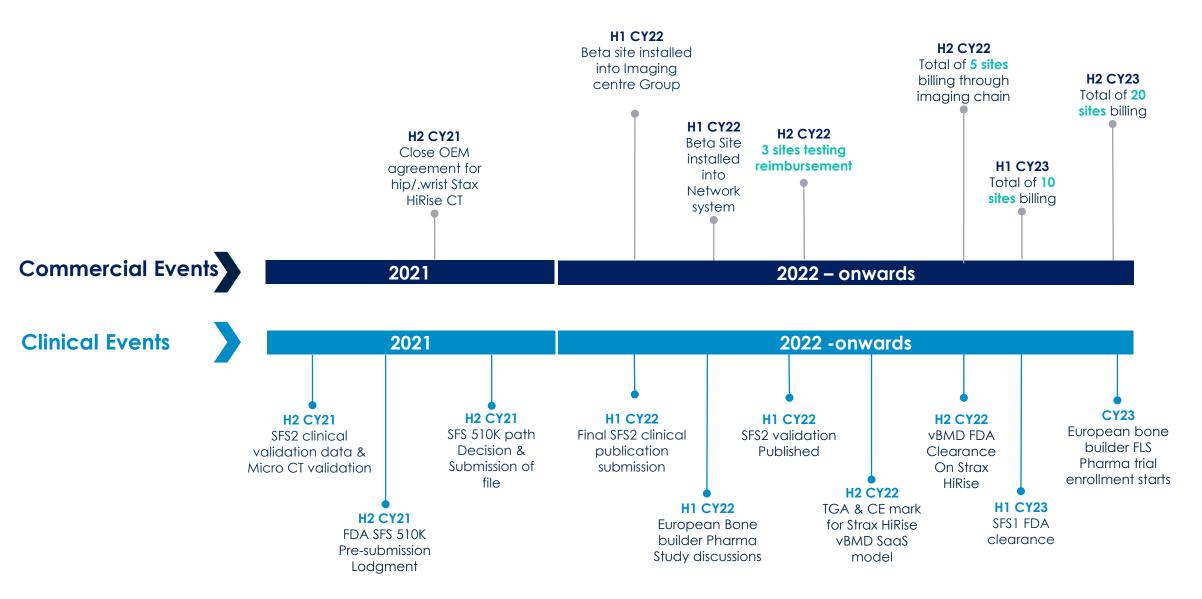
Low signature, fast patient turnover

- The Strax range of CT's requires only 2m² to10m² of floor space, with no dedicated room required fully shielded devices
- Tests are rapid, with 1 minute scan, data upload, and processed image report in 25 minutes, i.e. tests can be performed every 5 minutes while patients wait for report (25 mins) in waiting room before doctor visit
- Nursing Practitioners, physician assistants, Physician aides can run the scans in most states of the US without a radiology license

Commercial & Clinical - Targeted Milestones (CY)



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Intellectual Property (IP) portfolio

Image Analysis Domain based Indices

Patent 1: A method & system of analysis of selected tissue structures

General algorithm for automated identification of an object within an image, defining its edges & quantifying its properties

Patent 2: A method & system for image-based definition of abnormality (SFS)

Method for identifying or mapping spatial or geographical (position) of subjects with bone structural deterioration & thus at imminent risk for fracture

Patent 3: A Method & system for color segmentation and color assignment

Currently used in StrAx1.0 for illustration. Planned to be used to help separate objects in an image based on their color

Patent 4: A Method & system for automated separation of objects within image

Currently used in StrAx1.0 to separate the radius from the ulna; & the tibia from the fibula

Deep Learning Al

Patent 5: A system for AI-based medical image segmentation & identification

A system that integrates the annotation, training & evaluation of the deep learning model of segmentation & identification. Image annotation

Patent 6: A method & system for morphometric region of interest selection on medical image

Automatic identification of the anatomical structure & landmarks of the object of interest & measures the basic morphometrics of the object.

Patent 7: A system for AI-based Diagnostic & Monitoring in Musculoskeletal Imaging

Automatically extracts relevant features from musculoskeletal scans & the patient's non-image data. Calculates disease/s or the disease progression

Patent 8: A deep learning classification based on structure & material segmentation

Automated segmentation of scan into different structures, materials, normal or abnormal. Calculates possibility of disease/s or the disease progression

Key Risks for the Business



Regulatory & Reimbursement

- Regulatory clearance/approvals are expensive, lengthy & outcomes uncertain. Strax may not be able to obtain all targeted claims, or timelines could expand significantly due to COVID. SFS 510K pathway has a risk of denial & a denovo path could add up to a further 2 years for SFS
- Reimbursement is based on existing coverage policy for bone health. Strax must test coverage under Medicare NCD 150.3 (vBMD) & NCD 220.1 (SFS) once beta testing is complete
- Payer coverage is critical to drive sales. A CT scan for SFS must be tested as being reasonable, necessary in a non-osteoporotic fracture patient

Clinical Trials & Product development

- All Strax clinical data to date is based on prevention of first fracture. Prevention of second fracture data needs to be collected to validate improvement & quantify savings
- Strax cannot be certain that clinical trials, or development of products, or planned products, in post or pre-clinical testing will be successful.
- Failed clinical trials could have a major detrimental impact on the business & sales
- Significant delays in clinical development could increase costs, delay revenue or allow competitors to bring products to market

Market Acceptance / Supply

- Degree of market acceptance will depend on a variety of factors e.g. (i) suitability of regulatory claims; (ii) reimbursement coding (linkage), payment levels & coverage from insurers (iii) competitive products; (iv) KOL pressure to not change entrenched incumbent standard (BMD)
- Actual usage of scans maybe under or overestimated due to experience with CT scan
- Beta testing could uncover major redesign of CT
 or SaaS requirements to meet fitness for purpose
- Supply of CT scanner risk on placements unforeseen major technical issues, component shortages, could significantly impact the business & sales

Intellectual Property/Competition

- Competitive technologies or combinations of competitive technologies could impact Strax's business significantly
- Patents or trademarks are used to try & protect the technology. Patents maybe challenged, invalidated or circumvented
- No assurances that Strax patents will be awarded or will afford protection
- Third parties may own or control patents that Strax may be required to license to commercialise, that Strax may infringe, or that could result in litigation - costly

Litigation & Resources

- Often litigation & other proceedings with medical devices/firms. Defending against litigation & other third-party claims can be costly, time consuming & could lead to delays. If third parties are successful in their claims, Strax may have to pay substantial damages
- Loss of services of one or more of our key personnel (e.g. Artificial Intelligence staff) or the inability to recruit & retain high caliber staff could delay / compromise the Strax business
- US based resources to support FLS launch could impact on timeline targets if recruitment and training are delayed due to COVID

General Economics & Pandemic

- Material adverse changes in the domestic & international economic climates may have an adverse effect on Strax performance.
- These factors may include pandemics, fluctuations in exchange rates, inflation, interest rates, rate of economic growth, taxation laws, government fiscal, monetary & regulatory policies & consumer & business sentiment.
- COVID travel restrictions pose a real threat to timelines and for driving sales. New variants of COVID can delay FDA filings, and force new shutdowns in the future