Tech Care for All
A Digital Health Company
Transforming health in low and lower middle-income countries using the power of digital innovation
Brussels - Paris - New York - Mumbai - Dakar - Nairobi
Tech Care for All’s mission and focus

**Doing good**

- Impact lives of patients in Africa and India with digital health technologies
- Generate data and insights that support improvement of healthcare in Africa and India

**Focus**

- Customers
  - Healthcare providers and networks
  - Governments and NGOs
  - Med tech & pharma companies
- Big problems
  - Lack of skills, data and good primary care
  - Lack of sustainable business models for Africa & India
Tech Care for All leadership

• We are a senior and diverse team

• …assembling diverse expertise:
  • Global Health
  • Digital Health
  • Transformations
  • Pharmaceutical operations
  • Health financing

• …who can connect with key stakeholders of the digital health ecosystem…

• …and who work together with local partners to enable sustainable implementation
In the pandemic crisis, we have made our platform available for frontline health workers to access COVID-19 content free of charge. As a social impact company, we believe this is our mandate.

Country governments, medical associations and large NGOs in Africa and India have quickly seized this opportunity.

- TC4A actively supporting governments of Kenya and Senegal
- Supporting medical associations and major NGOs in India, Kenya and Senegal

We are urgently accelerating improvements to our platform to maintain performance and stability at much greater user volumes.

While exciting, our contribution to fighting the pandemic imposes severe financial strain.

- Necessitates additional / accelerated investment of about USD 400K
- This investment may be staged and/or secured in tranches, and expenditures sequenced / prioritized accordingly

This investment in the fundamental strengthening of our capability will make the training hub a stronger product to offer customers in the future.
Of our products, TC4A has pivoted to focus on the Medical Learning Hub

**Provider skill gaps**

**MEDICAL LEARNING HUB**

- Booking & e-learning platform

**Poor primary care**

**TELEMEDICINE**

- Primary care in a box
- Second opinion for specialty care

**Lack of data**

**ELECTRONIC MEDICAL RECORDS**

- Hospital EMR to drive efficiency
- Integrated data capture and storage solution

Data & Analytics Platforms that deliver new insights
Medical Learning Hub (MLH): an Uber for health training

Medical Learning Hub is platform for healthcare providers to find training resources for their skill development

MLH handles all training types. COVID-19 focus:
- online live video classroom, webinars
- online self-paced learning
- Providing latest guidelines, QoC updates

Host institutions (MOH, teaching hosp, medical assoc, NGO...)

- On site
- Online self paced
- Online live classroom

Frontline health workers, other trainees / learners

- Access to all training details: course description, trainers, host institution
- Registration
- CME / CPD credit

Content recorded for conversion into E learning
Option for live broadcast
We are rapidly producing and curating COVID-19 content

- 64 courses and many resources already posted since launching in mid-March
- TC4A is generating original content and expertly curating the best of others’ COVID-19 offerings
- Nearly 2000 registered learners, registration rates increasing daily

www.medicallearninghub.com

Content being made available in French and English
Kenya: TC4A partnered with MOH and KMA to record full video course

Kenyan MOH course assets: all modules taught by leading Kenyan physicians and faculty

Kenya Medical Assoc – MOH COURSE OUTLINE

Part 1: OVERVIEW/BACKGROUND OF COVID-19
Part 2: CASE MANAGEMENT COVID-19
Part 3: ENHANCED SURVEILLANCE FOR COVID-19
Part 4: INFECTION PREVENTION AND CONTROL
  Part 4(a): IPC THEORY
  Part 4(b): IPC THEORY
  Part 4(c): IPC PRACTICAL
  Part 4(d): IPC PRACTICAL
Part 5: LABORATORY DIAGNOSIS
  Part 5 (a): LABORATORY DIAGNOSIS
  Part 5 (b): PRACTICAL: SAMPLE COLLECTION, PACKAGING & SHIPMENT
Part 6: HOSPITAL RAPID RESPONSE
  Part 6 (a): HOSPITAL RAPID RESPONSE OVERVIEW
  Part 6 (b): HOSPITAL RAPID RESPONSE SLIDES
Part 7 : RISK COMMUNICATION
  Part 7(a): RISK COMMUNICATION
  Part 7(b): RISK COMMUNICATION
Part 8 : DOWNLOAD SECTION

Online course promotion in India
MOH online training on COVID-19 for all healthcare providers in Kenya

- Lectures prepared and delivered by leading Kenyan physicians and professors
  - Kenya Medical Association is the distribution partner
- 600 HCPs registered and viewed content in first week
- Training to be delivered to 5,000 HCPs by May 15
- Online Training of Trainers for doctors and nurses includes:
  - Educational aids and reference materials for trainers, healthcare workers on the country’s COVID-19 response
  - Guidance on diagnosis, case management and infection prevention and control plus referral mechanisms and data reporting
  - Seeks to standardize care, management and prevention of COVID-19 in the country

Ugandan physicians have asked for the course to be adapted for them and the Ugandan MOH is considering the request.
Tech Care for All is supporting The Catholic Health Association of India to mount a COVID-19 response across their network of 3500+ health facilities ranging from PHC to tertiary care that see 21M patients a year

• **120** CHAI Institutions attended first two webinars

• Comprehensive Online Training course to be delivered to **10,000 health providers** by May 15

• Course link: [Comprehensive learning for the Healthcare Professional](#)

Tech Care for All is also extending Medical Learning Hub to India’s federal and state governments
TC4A is supporting the Senegal MOH to train doctors & nurses countrywide

• In Senegal, a similar collaboration with the Ministry of Health and Social Action will train the nation’s health workers to fight COVID-19

• The MOH commissioned Tech Care for All to head the *Digital Communication for Medical Professionals* sub-committee within the Steering Committee of the Digital Response to COVID-19

• We are committed to three deliverables on our platform:
  • Online learning for doctors (French)
  • Online learning for nurses (Wolof)
  • Building a database and enabling a community of practice among Senegalese doctors
  • We expect to reach **5,500** health providers this year

• Ivory Coast, Cameroon and Mali governments are expressing similar needs
Module 1: Understanding COVID-19 and the coronavirus
Module 2: Testing and diagnosis
Module 3: Infection prevention and control
Module 4: Triage and case management
Module 5: In-depth guidance for delivery of specific treatment interventions
Module 6: Communication and social support
Download section: checklists, guidelines, templates and protocols

Catholic Health Association of India (CHAI) Course Outline:

Courses combine carefully vetted content from leading global providers (e.g., WHO, Johns Hopkins U.) with original lectures and discussions from India & Africa

Illustrative content from Unit 2 of Module 1 above:

Unit 2 (Video, 30 mins): COVID-19: What we are learning about this new coronavirus: In this 30-minute webinar, Paul Auwaerter, MD, MBA, Professor of Medicine at Johns Hopkins University, provides a thorough overview of Covid-19 and how utilizing updated, authoritative, and evidence-based resources, such as the Johns Hopkins ABX Guide, can improve patient care.
Curated content example: correct use of Personal Protective Equipment

- Face Mask
  - Nose + mouth

- N95 Mask
  - Nose + mouth

- Face shield
  - Eyes + nose + mouth

- Goggle
  - Eyes

- Gown
  - Body

- Apron
  - Body

- Gloves
  - Hands

- Head cover
  - Head + hair

Screenshots from video content showing elements of PPE and demonstrating steps of how to correctly don and doff masks, face shields, gowns and other items.

SA. Positive seal check
- Exhale sharply. A positive pressure inside the respirator = no leakage. If leakage, adjust position and/or tension straps. Retest the seal.
- Repeat the steps until respirator is sealed properly.
COVID-19 initiative requires the platform to handle massive enrollment

Projected 2020 registered users on Medical Learning Hub platform, by month

<table>
<thead>
<tr>
<th>Country</th>
<th>March (Actual)</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July – Sept</th>
<th>By End of 2020 +/- 20%</th>
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<tbody>
<tr>
<td>India*</td>
<td>500</td>
<td>5,000</td>
<td>10,000</td>
<td>15,000</td>
<td>22,000</td>
<td>55,000</td>
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<td>Kenya*</td>
<td>900</td>
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<td>5,000</td>
<td>7,500</td>
<td>10,000</td>
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<td>Senegal</td>
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<td>3,000</td>
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<tr>
<td>Uganda</td>
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<td>1,500</td>
<td>4,500</td>
<td>8,000</td>
<td>7,500</td>
</tr>
<tr>
<td>Ivory Coast</td>
<td>750</td>
<td>3,000</td>
<td>4,500</td>
<td>8,000</td>
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<tr>
<td>Cameroon</td>
<td>750</td>
<td>3,000</td>
<td>3,000</td>
<td>7,500</td>
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<td></td>
</tr>
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<td>Mali</td>
<td>250</td>
<td>1,000</td>
<td>3,000</td>
<td>7,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Africa, Asia</td>
<td>5,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>TOTAL users</td>
<td>1,450</td>
<td>8,500</td>
<td>18,250</td>
<td>31,000</td>
<td>47,000</td>
<td>107,500</td>
</tr>
</tbody>
</table>

* Signed contracts
Huge enrollment increase in turn requires “hardening” the platform

The rapid expansion requires a series of investments to add additional security, increase platform stability, develop new functions, expand and automate helpdesk support, integrate with other platforms including CRM, and translate content (slides 18-19).

- Pace of enrollment accelerates as current training institutions expand their outreach
- New countries come online, contributing more users
- India, at more than 20 times the size of the next largest country (Kenya) may have 60,000 users

Note: Error bars depict range of plus/minus 20%
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