Lung Diseases Programme

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GACD – 2018 Overview

- **US$ 70 million**
  - MENTAL HEALTH/ 2017

- **US$ 55 million**
  - LUNG DISEASES/ 2015

- **US$ 27 million**
  - DIABETES/ 2013

- **US$ 22 million**
  - HYPERTENSION/ 2011
In countries that have 2/3rd of global lung disease burden
GACD Lung Diseases Programme by source

EU
LD01, LD02, LD03, LD04, LD05

NIH
LD08

CIHR
LD06, LD07

UK MRC
LD12, LD13, LD14

CAMS
LD09

NHMRC
LD15, LD16, D17

CONACYT
LD10, LD11
GACD Lung Diseases Programme – by income

High Income
LD01, LD03, LD04, LD05, LD06, LD07, LD15, LD17

Upper Middle-Income
LD07, LD08, LD09, LD10, LD11, LD12

Lower Middle-Income
LD02, LD04, LD08, LD14, LD16

Low-Income
LD02, LD04, LD08, LD12, LD13
GACD Lung Diseases Programme

Primary Prevention
LD01, LD02, LD03, LD04, LD05, LD06, LD07, LD08, LD14, LD15

Secondary Prevention
LD04, LD0, LD11, LD12

Tertiary Prevention
LD04, LD09, LD10, LD12, LD16
GACD Lung Diseases Programme - Domains

- **Smoking Prevention**
  - LD06, LD14

- **Smoking Cessation**
  - LD02, LD03, LD15

- **Secondhand Smoking**
  - LD01, LD13

- **Tobacco Policy**
  - LD05, LD07

- **Lung Diseases**
  - LD04, LD09, LD12, LD16, LD17

- **Tuberculosis**
  - LD10, LD11

- **Household Air Pollution**
  - LD08
GACD Lung Diseases Programme – Study Design

✓ Cross-sectionals studies
✓ Cohort studies
✓ Literature reviews
✓ Intervention studies
✓ Implementation studies
✓ Hybrid effectiveness/implementation studies
✓ Evaluation studies
✓ Cost-effectiveness studies
✓ Randomized Control Trials
✓ Adaptive Type 1 Hybrid cluster RCT
✓ Development of diagnostic methods
✓ Genomic analysis
✓ Feasibility and Acceptability studies
✓ Etc.
GACD Lung Diseases Programme - Challenges

✓ Difficulties in following up due to loss of intervention participants (LD02, LD13)
✓ Data management issues (LD02)
✓ Political instability which affected the Tobacco Policy implementation (LD07)
✓ Tobacco industry interference (LD07)
✓ Delay in the signing of collaboration agreement (LD11)
✓ Limited timeline (LD13)
✓ Restrictions of approaching households (LD13)
✓ Natural calamities (LD13)
✓ Large sample to be surveyed in limited timeline (LD14)
✓ Ethics revisions with multiple ethics bodies (LD15)
✓ Limited staff (LD15)
✓ Delay of Government approval (LD16)
GACD Lung Diseases Programme - progress

✓ Successful completion of the project (LD01)
✓ Milestones and Deliverables on target (LD02)
✓ Successful evaluation of the impact of TPD within the context of FCTC ratification in EU (LD05)
✓ Update on the international systematic review of interventions to reduce commercial tobacco use in indigenous communities (LD06)
✓ Increased knowledge on illicit cigarette market in South Africa (LD07)
✓ Preliminary data analysis (LD 09)
✓ A published review (LD11)
✓ Published protocol and preliminary work (LD12)
✓ Successful completion of interventions and follow up (LD13)
✓ Two surveys and film coding (LD14)
✓ The VCAPS RCT has been scheduled to start in late 2019 (LD16)
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• Number of projects have finished (EU)
• Other projects are ongoing
• Challenges exist
  – Some common, some unique
  – Friday Lung Diseases meeting may start to address
• Progress has been made
• Enhanced visibility via publications
• Need to continue to expand the work
H2020 funding for respiratory research: scaling up for the prevention and treatment of lung diseases

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@ERSpublications
This European Lung Corner article summarises five key messages for future research and practice in preventing and treating lung diseases based on outcomes and perspectives from five Horizon 2020 projects http://bit.ly/2YCV5SN