

# Patients and TB: Improving treatment outcomes through a patient centred approach and access to new treatments

**5<sup>th</sup> TB Symposium – Eastern Europe and Central Asia**  
**Ministry of Labour, Health and Social Affairs of Georgia**  
**and Médecins Sans Frontières**

22- 23 March , 2016 , TBILISI , GEORGIA

**Delamanid in Georgia – Pediatric TB case  
presentation**

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**National Center for Tuberculosis  
and Lung Diseases**

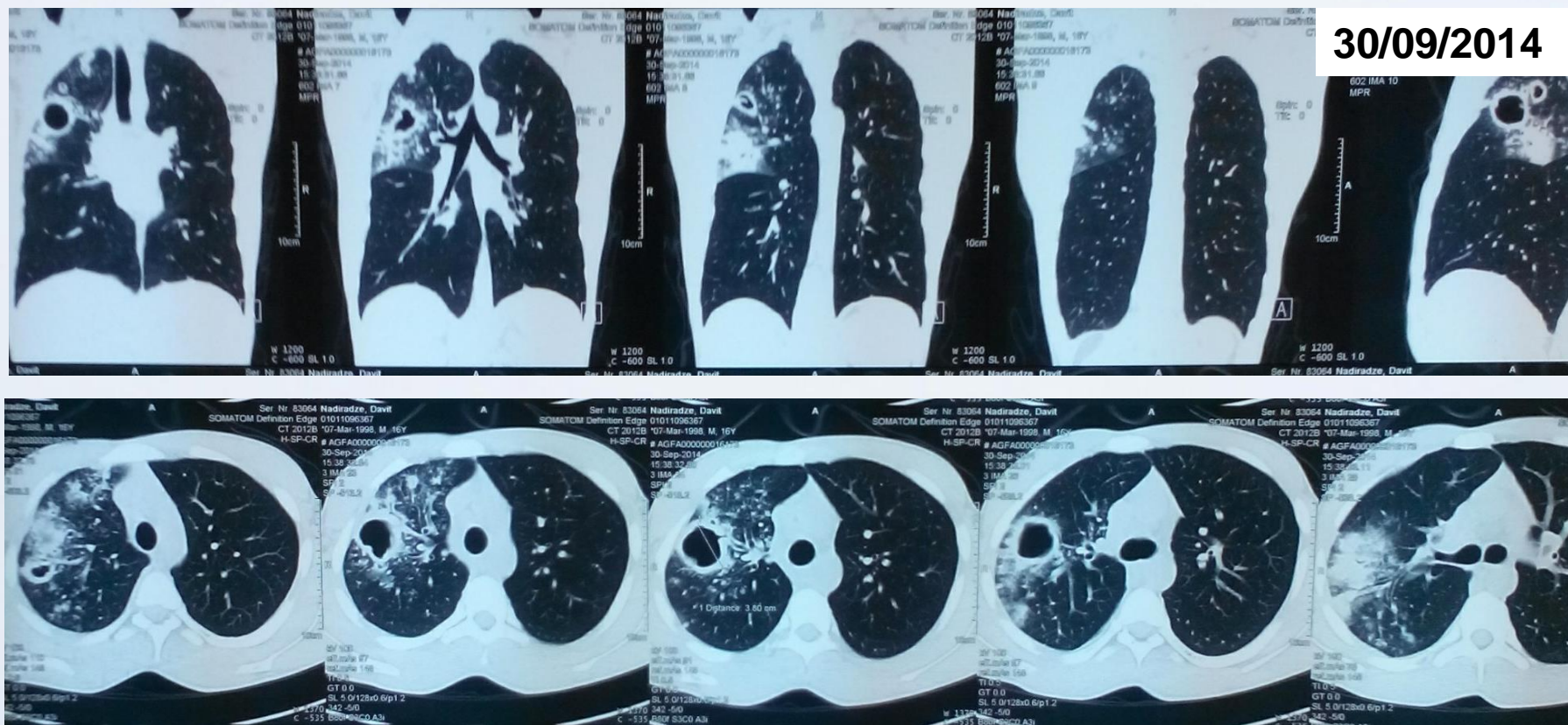


**MINISTRY OF LABOUR,  
HEALTH AND SOCIAL  
AFFAIRS OF GEORGIA**

- NCTLD pediatric department for treatment of children between 0-18 year of age.
- Treatment of regular as well as resistant TB according to national guidelines and DRTB committee decisions.
- In Georgia, in total 12 patients have been enrolled in treatment with Delamanid compassionate use (CU), out of them 4 were under 18 years. 2 of them already finished their 24 weeks of Delamanid.

# Patient D.N.; DoB: 7/03/1998

Infiltrative right pulmonary TB; new case, MDR, smear (+)



Date	DST	Treatment regimen
9/10/2014	HAIN: H, R (MDR)	ETR: Z-E-Cm-Lfx-Cs-Pto

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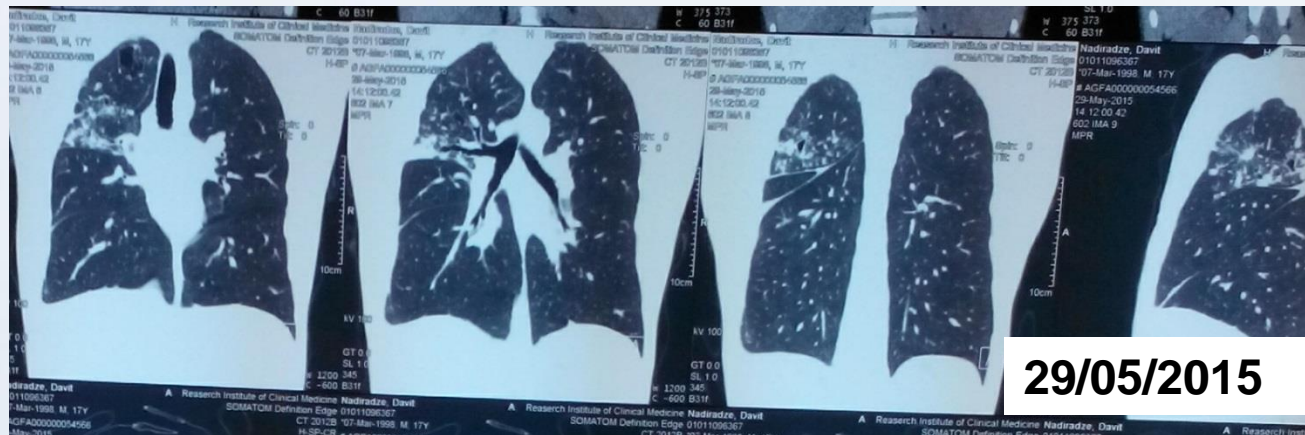
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# Patient D.N.

Date	DST / reason	Treatment regimen
8/12/2014	H, R, E, Z, Ofx (pre-XDR)	ITR: Z-Cm-Mfx-Cs-Pto-PAS
9/01/2015	Poor X-ray dynamics	Z-Cm-Mfx-Cs-Pto-Amx/clv-Clr-Cfz



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# Dlm need in patient D.N.

- Pre-XDR case
- Bdq couldn't be used because of the age (<18y.)
- Smear and culture conversion from 2<sup>nd</sup> month
- **BUT** – poor X-ray dynamics
- Sent to Otsuka for CU request in May 2015
- 11/06/15 treatment regimen reinforced: Dlm-Lzd-Cm-Mfx-Cs-Cfz-PAS; => 10/07/15 Dlm-Lzd-Cm-Lfx-Cs-Cfz
- 10/12/15 completed 24 weeks of Dlm 24 => Cm-Mfx-Lzd-Cfz-Cs. Later Cm has been stopped.

# Patient D.N.

10/12/2015



- Positive dynamics on tomograms; remains smear and culture negative
- Continues treatment – 17<sup>th</sup> month

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THANKS FOR YOUR ATTENTION!

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