

R.A.D.A.R.

IMPLEMENTATION OF A NETWORK FOR THE CARE AND DETECTION OF ADOLESCENTS AT RISK OF SUICIDE.

UA
M21



MARKET

Chile is the OECD country where suicide has increased the most, after South Korea (2016). Approximately 1,500 Chilean deaths per year are self-inflicted. Suicide has a dramatic impact in both human and financial terms. The average cost of suicide in Chile is \$943 million dollars, mainly due to lost productivity. In the United States, the cost is approximately \$93.5 billion dollars.

UNMET NEED

One million people commit suicide each year, equivalent to one death every 32 seconds. Suicide is the second leading cause of death in the age group of 15 to 29-year-olds. In Chile, the adolescent suicide rate has increased dramatically in the last 25 years, being among the top 10 countries of the OECD for most suicide cases. This is due to the fact that adolescents in Chile don't consult or ask for help and teachers don't have the skills needed to handle cases of suicide risk. Also, the regional hospitals don't have specific training to handle cases of suicidal behaviors.



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**DIRECCIÓN
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SOLUTION

Integrated system for the detection of adolescents with suicide risk. It involves the training of human resources and the design of a technological system with scientifically proven tests to detect adolescents at risk of committing suicide. This early detection allows the professionals to take action and initialize a timely treatment. The system is implemented in schools and involves the entire school community, along with the local health care system. To date, the system has been tested in two schools in the city of Puerto Aysén, where more than 20 young people have been successfully treated for suicidal behavior, all of which were not diagnosed prior to the implementation.

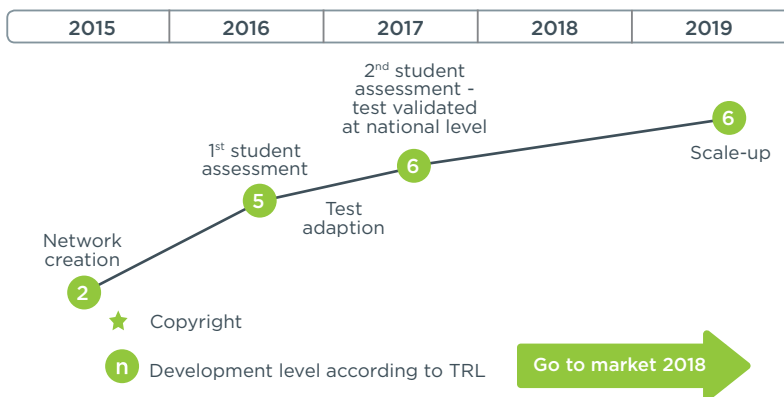
ADVANTAGES

- > Generates real-time suicide risk alerts.
- > In accordance with the Chilean National Suicide Prevention Program.
- > Involves the entire school community and local health services.

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STATE OF DEVELOPMENT



BUSINESS SUMMARY DEPARTMENT OF INNOVATION

The Dirección de Innovación of the Universidad de los Andes seeks to support, canalize and efficiently manage the results from research conducted at the University to the public and private sector, both national and international. This is done in order to promote the transfer and application of the knowledge generated in the University so as to benefit the society and contribute to the economic development.

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