



OAS | **CICAD**



**INTER-AMERICAN DRUG ABUSE
CONTROL COMMISSION
CICAD**

Secretariat for Multidimensional Security

SIXTY-FIFTH REGULAR SESSION OF CICAD

May 8 - 10, 2019

Buenos Aires, Argentina

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8 May 2019

Original: Español

EARLY WARNING SYSTEM



Early Warning System

SAT*drogas*

**65th regular session of CICAD.
Inter-American Drug Abuse Control Commission
Buenos Aires, May 8 – 10, 2019**



SATdrogas: Institutional Inclusion



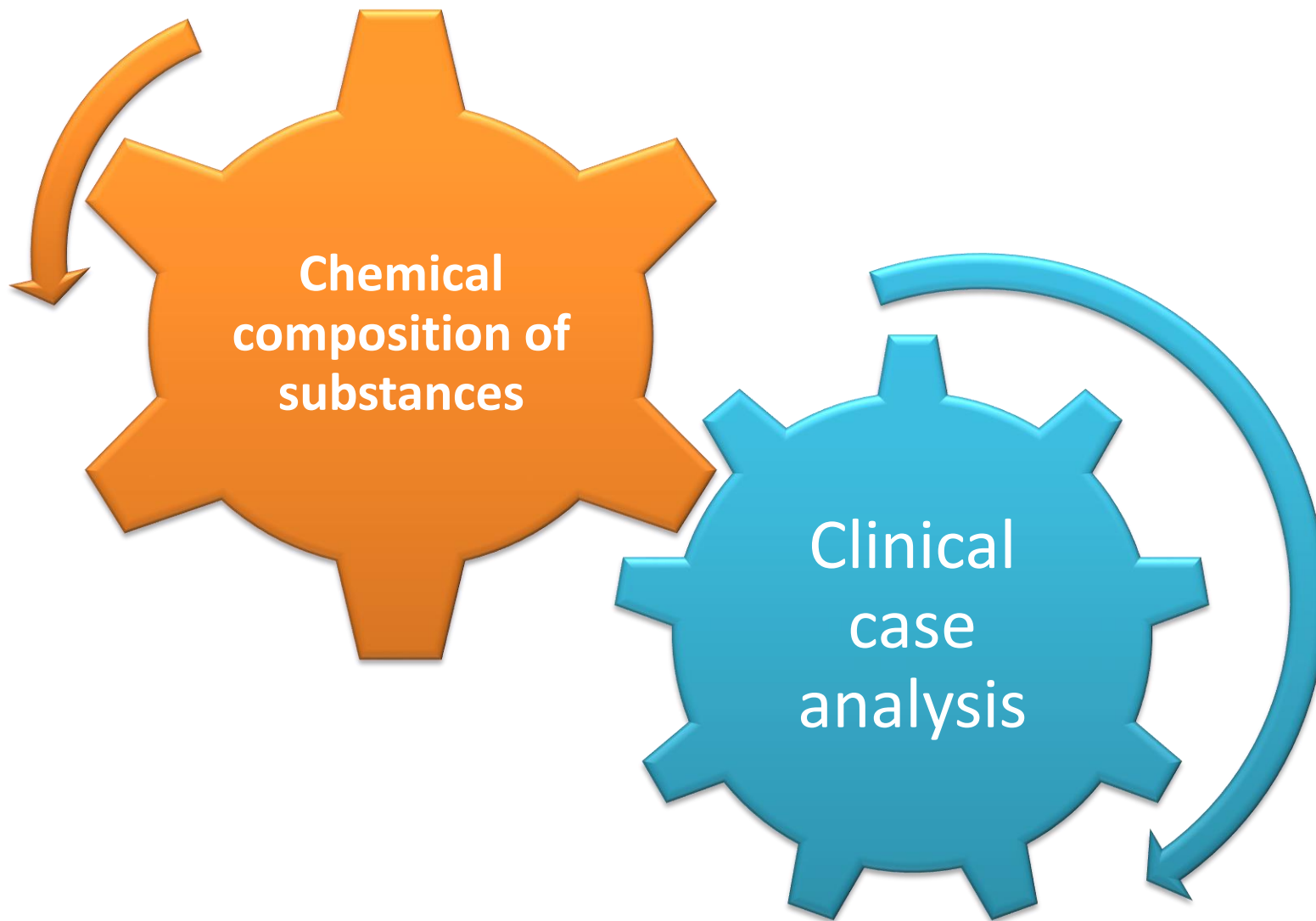
Presidencia de la República
U R U G U A Y

Misión

Establece directivas para las políticas de drogas
Supervisa y evalúa su ejecución
Promueve el relacionamiento
y la cooperación internacional



SCOPE OF ANALYSIS - SATdrogas





RESEARCH:

Fundamental pillar of the EWS

CHEMICAL COMPOSITION STUDIES

Forensic Technical Institute (ITF)

Faculty of Chemistry

Scientific Police

PRE-CLINICAL STUDIES

IIBCE

CLINICAL STUDIES

CIAT

UNITRA

Treatment and Service Centers

OTHERS STUDIES (OUD)

Epidemiology

Ethnography with FHCE

Analysis of samples

Summary of EWS Activities **SAT***drogas*



86 national alerts
(notifications through the system network)



20 national alerts on poisoning cases

Substances leading to consultation

- | | |
|------------------------|---------------------------------|
| ✓ ATS | ✓ Ketamine |
| ✓ Levamisole | ✓ Cocaine |
| ✓ Cannabis | ✓ Anabolic steroids |
| ✓ Alcohol | ✓ 2C-B |
| ✓ 25 Nbome | ✓ Pharmaceutical products |
| ✓ Methoxymethcathinone | (syrup) with opiate derivatives |





55 Alerts including chemical analysis of seizures/samples of substances



25,000 units (compressed, sealed, enveloped, tears, etc.) and **700,000 grams** included in the analysis

Substances detected

- | | | | |
|-------------|--------------------------|------------------|---|
| ➤ MDMA | ➤ Cocaine base paste | ➤ 2C-C | ➤ Adulterants (levamisole, caffeine, phenacetine) |
| ➤ MDA | ➤ Cocaine | ➤ 2C-B | |
| ➤ Fentanyl | ➤ Mescaline | ➤ Bk-DMBDB | ➤ Other minor components |
| ➤ DOB | ➤ Nicotine | ➤ DOB | |
| ➤ DOC | ➤ Amphetamine | ➤ 1,4 butanediol | |
| ➤ 25i Nbome | ➤ BZP | ➤ 3c b flv | |
| ➤ 25c Nbome | ➤ Synthetic Cannabinoids | ➤ Cathinone | |
| ➤ Heroin | ➤ Popper | ➤ Ketamine | |
| | | ➤ LSD | |



Establishment of a EWS **databank** with data on chemical composition of substances in the system.

Analysis dimensions

- | | |
|--|--------------------------|
| ➤ Primary substance detected | ➤ Weight |
| ➤ Substance street name | ➤ Adulterants reported |
| ➤ Substance characteristics and consequences | ➤ Date reported to EWS |
| ➤ Image/photo of substance | ➤ Informing institution |
| ➤ Concentration of psychoactive substance | ➤ Other substances found |



3 Public alerts to the general population and healthcare providers



1 Special report on synthetic cannabinoids developed using *Trendspotting* methodology.



5 International alerts



3 Special reports by the Forensic Technical Institute Laboratory on Seized Substances for 2016, 2017 and 2018.



2 Alerts through the Argentine EWS



5 Monthly reports by the Forensic Technical Institute Laboratory on Seized Substances (levamisole, caffeine, phenacetine, others) found in seized cocaine hydrochloride, and cocaine base paste.



1 Public alerts from the general population



2 Reports from the Center on Toxicology Information and Advisory (CIAT) on the characteristics of use and effects of the adulterants levamisole and clenbuterol in the health of users.



6 EWS Bulletins: No 0, I, II, III, IV, V



7 articles from The Institute of Biological Research Clemente Estable (IIBCE)



7 publications from key actors in the network: Dr. Pascale, Dr. Negrin, Prof. Umpierrez, etc.



100 documents (research reports, alerts, publications, etc.) available in the system





**Global
SMART
Programme**

CICAD/OAS

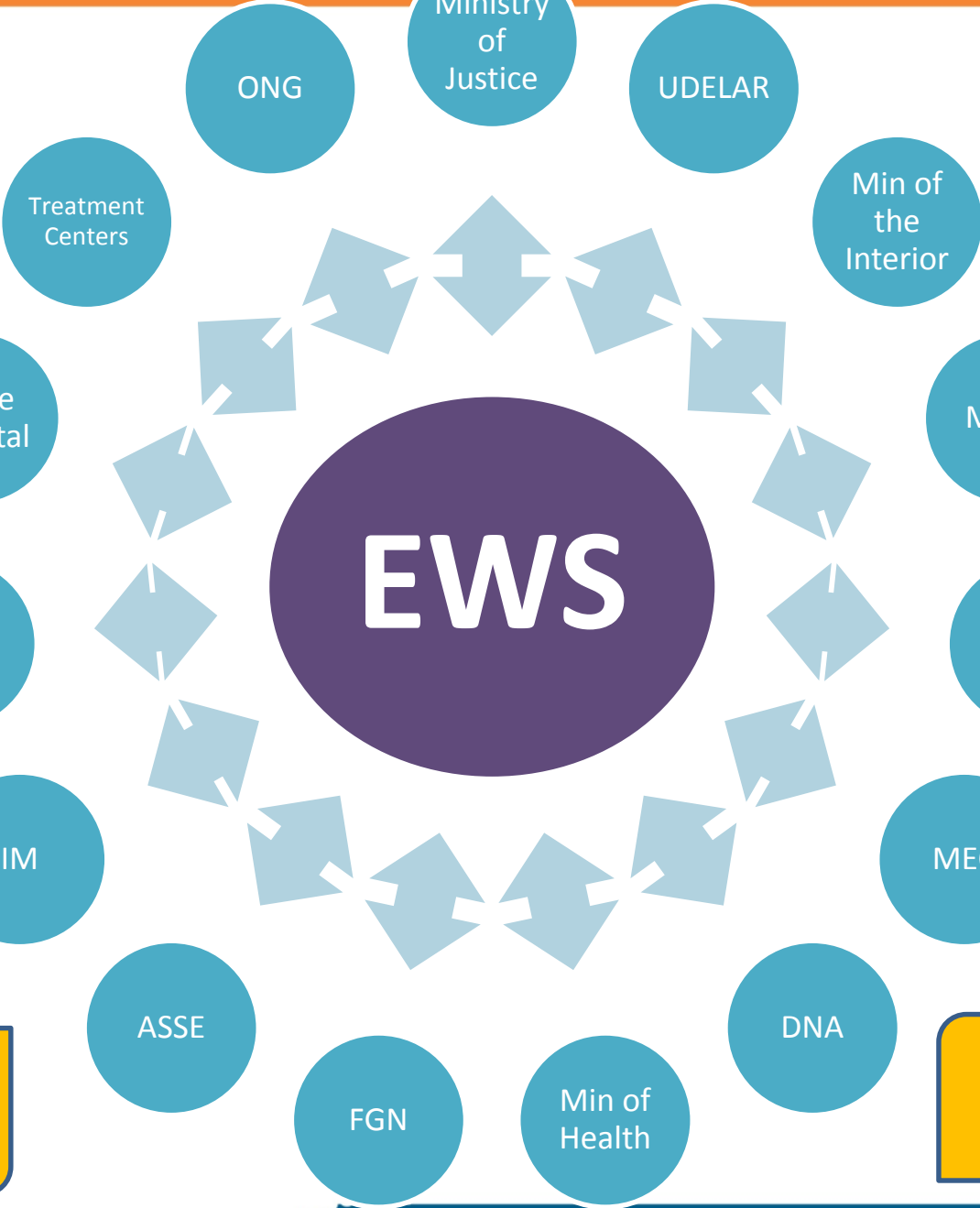
**Other
National
EWS**

**General
Population**

COPOLAD

**OPIOID
PROJECT**

EWS





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MONTEVIDEO-URUGUAY

MONTEVIDEO -URUGUAY

Informe SAT 9-18

Muestras analizadas y adulterantes frecuentemente encontrados en los alijos correspondientes al mes de noviembre de 2018

caso	fecha recepción	Localidad	Método de Analisis	Descripción caso (*)	Droga blanco	Adulterante/s	Adulterante 1	Adulterante 2	Adulterante 3	Adulterante 4
D 1285-18	1	01/11/2018 CANELONES	ATR-FTIR/GC-NPD	1 E	COCAINE BASE	N				
D 1286-18	2	01/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	1 E	COCAINE HCL	S	CAFFEINE			LEVAMISOL
D 1287-18	3	05/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	32 Lag	COCAINE BASE	N				
D 1288-18	4	05/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	100 Lag	COCAINE BASE	S		FENACETINE		
D 1289-18	5	05/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	6 Lag	COCAINE BASE	S		FENACETINE		
D 1293-18	6	06/11/18 SORIANO	ATR-FTIR/GC-NPD	1 E	COCAINE HCL	S	CAFFEINE			
D 1294-18	7	06/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	5 E	COCAINE HCL	S	CAFFEINE			
D 1296-18	8	06/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	Lag	COCAINE BASE	S	CAFFEINE			
D 1297-18	9	06/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	Lag	COCAINE BASE	S	CAFFEINE			
D 1300-18	10	07/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	9 Lag	COCAINE BASE	N				
D 1301-18	11	07/11/18 MONTEVIDEO	ATR-FTIR/GC-NPD	4 E	COCAINE BASE	N				



Screening of new psychoactive substances, THC and cocaine in urine samples obtained at a music party in the metropolitan area



Sustancia	Positivos 2017	Método
1,4 Butanediol, GBL, GHB	4%	GC/MS
3c bfly	0%	GC/MS
Anfetamina	0%	GC/MS
BZP (N-Benzylpiperazine)	0%	GC/MS
Cafeína	52%	GC/MS
UR144 / XLR11	0%	ELISA
Canabinoides sintéticos (JWH 015, JWH 018, JWH 073, JWH 200, JWH203, JWH250, AM 1220, AM 2201, AM 2232)	0%	ELISA
JWH-018	0%	ELISA
Fentanilo	0%	ELISA
Opiáceos	0%	ELISA
6-Acetilmorfina (Heroína)	8%	ELISA
Catinonas (mephedrone, methedrone, methylone, buphedrone, 4-fluoromethcathinone, 3-fluoromethcathinone, methcathinone)	52%	ELISA
Cathinonas/ feniletilminas	32%	GC/MS
Cocaína/PBC/Cocaetileno y metabolitos	96%	ELISA y GC/MS
Pasta Base	8%	GC/MS

DOB	0%	GC/MS
Ketamina	0%	GC/MS
Levamisol	0%	GC/MS
LSD, LAMPA,	8%	ELISA
MDMA	64%	GC/MS
MDPV	0%	GC/MS
Mentol	0%	GC/MS
Mezcalina	0%	GC/MS
Nicotina	24%	GC/MS
THC 3ng/mL	96%	ELISA
bk-DMBDB	4%	GC/MS
2,5B-NBOMEs	4%	GC/MS

Total de muestras en 2016: 28. Total de muestras en 2017: 25.



Example of a clinical case with laboratory analysis of a sample of a substance



- Sex: male
- Age: 24 years
- Substance: suspected LSD
- Pathway: conjunctival mucosa
- Consequences: chest discomfort and palpitations

Case Report

Laboratory Analysis

- Sample: 2 pieces of cardboard
- Result: 2C-B



ALERTA

MDMA - "Éxtasis"

(metilendioximetanfetamina)

PASTILLA CON COMPOSICIÓN PELIGROSA
ALTO RIESGO DE SOBREDOSIS



DESCRIPCIÓN

- ▶ Tipo: comprimido
- ▶ Logo: iPhoneX
- ▶ Forma: rectangular
- ▶ Color: beige/naranja y blanco

TODO CONSUMO DE DROGAS TIENE RIESGOS

911 CIAT - Centro de Información y Asesoramiento



Prevention and Communication

Early Warning System - SATdrogas



Thank you for your attention

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