

play true

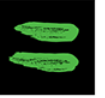
ADAMS & The Athlete Biological Passport

ABP Symposium

Stuart Kemp
Deputy Director, Standards & Harmonization
Principal, ADAMS Advancement



Overview

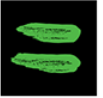


- ADAMS & the ABP – Current Situation
- ADAMS Next Gen Update
- Achievements to date & ABP impact
 - Infrastructure & Security Improvements
 - Analytics & Data Collection – Driving decision making
 - New Athlete Central App
 - Paperless Doping Control
 - Testing Centre
- What about the ABP?
 - Scope of Module & ADO/APMU/Expert engagement
- Q&A

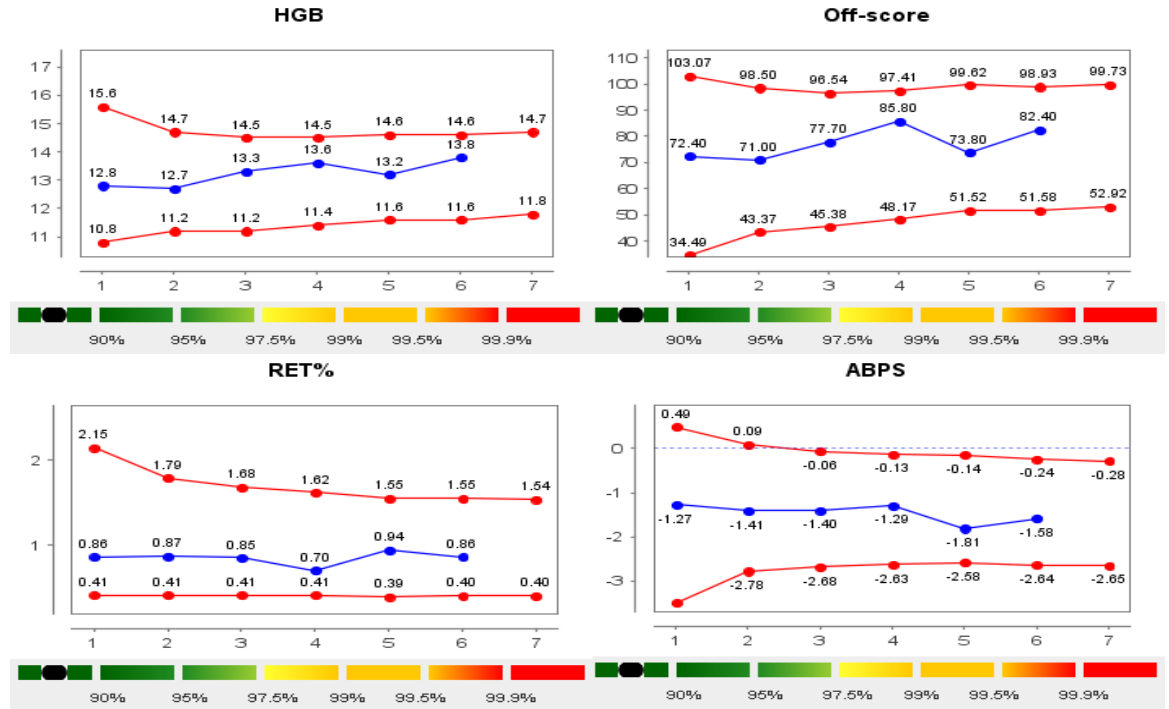


ADAMS & the ABP

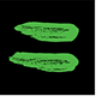
Athlete Biological Passport



- Athlete Passport Management Unit (APMU) and expert users' anonymized access
- One Passport – one athlete
- Passport Custodian is the only organization that can grant access to the Athlete's NADO /IF
- Automatic reporting to WADA



ABP Accessibility



	DCF	Biological result	Biological Passport	Expert report	APMU report
Athlete	None	Read	None	None	None
Testing Authority	Write	Read	None	None	None
Passport Custodian	Read	Read	Read	Read	Read
Passport Custodian APMU	Read*	Read	Read	Read	Write
Passport Custodian Experts	Read*	Read	Read	Write	None
WADA	Read	Read	Read	Read	Read
Biological lab	None	Write	None	None	None

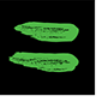
Sharing rules:

- Athlete Biological Passports can be shared by the athlete's Passport Custodian with his NADO and/or IF



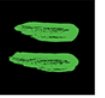
ADAMS Next Gen Update

Current Situation



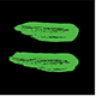
- New plan, team and philosophy in place for just over one year
- Initial emphasis has been on speed, security, responsiveness and mobility
- NextGen under development with 'Classic' ADAMS maintained

ADAMS Development Team



- Orchestration in-house: 15+ team members Executive sponsor
 - Business Analysts
 - Project Managers
 - Developers
 - UX Expert
 - Quality Assurance
- Depending on the weeks – anywhere between 15 to 40 people are involved in building products for WADA (Montreal, Sherbrooke, Saguenay)

2018 Development Priorities



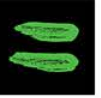
- New Athlete Whereabouts system
- Paperless Doping Control system
- New Test Planning module
- Laboratory connectivity to ADAMS



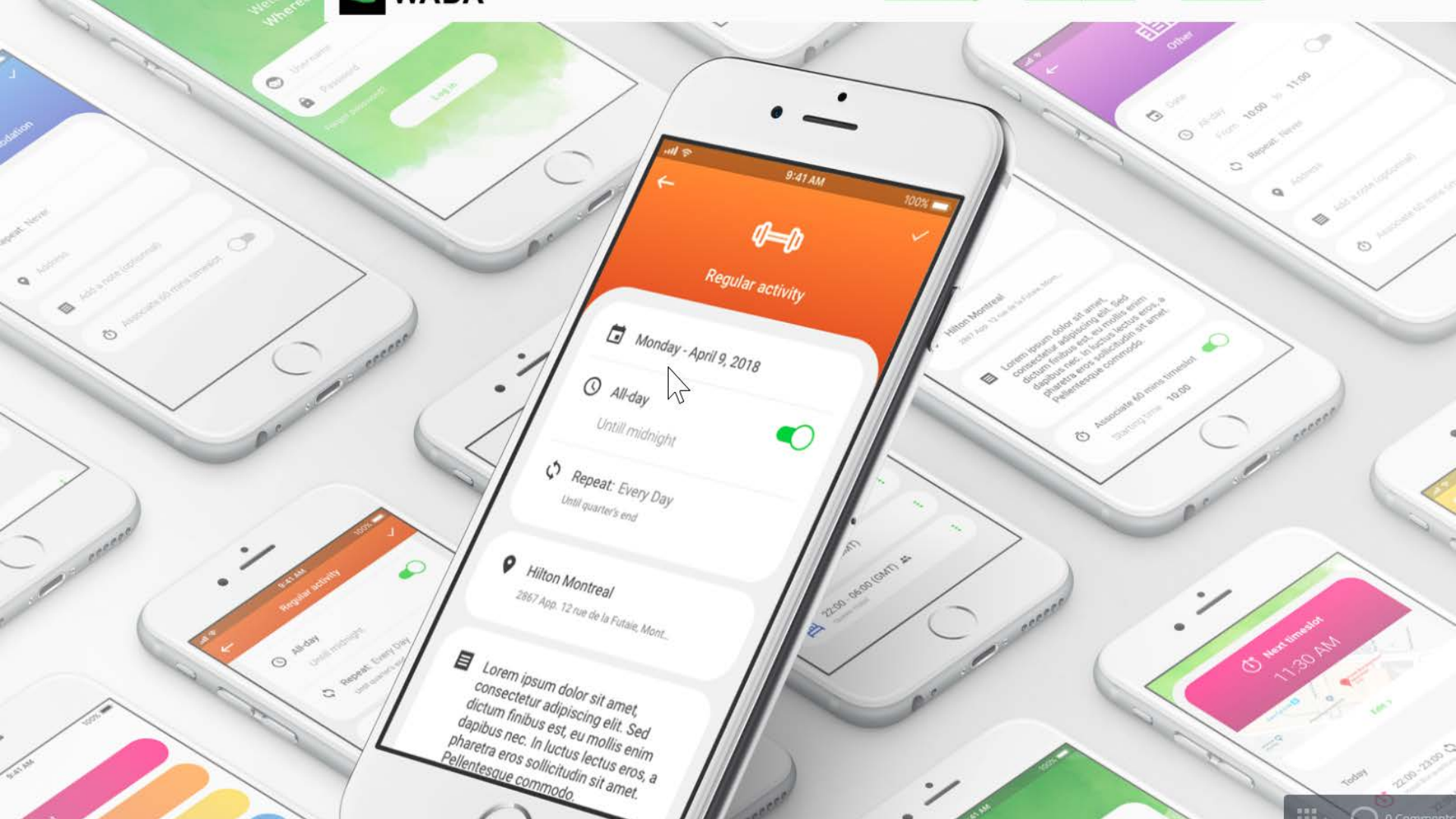


Achievements to date

Infrastructure & Security upgrades



- improved performance and reliability of log-in and daily user operations
- up-to-date software across all systems
- 2-Factor authentication
- automatic detection of suspicious activity (new devices, different locations, etc.)
- move towards a single sign-on for ADAMS and eventually the rest of WADA's applications
- Integrated analytics tools



9:41 AM 100%



Regular activity

Monday - April 9, 2018

All-day

Until midnight



Repeat: Every Day
Until quarter's end

Hilton Montreal
2867 App. 12 rue de la Futaie, Mont...

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed dictum finibus est, eu mollis enim dapibus nec. In luctus lectus eros, a pharetra eros sollicitudin sit amet. Pellentesque commodo.

Hilton Montreal

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed dictum finibus est, eu mollis enim dapibus nec. In luctus lectus eros, a pharetra eros sollicitudin sit amet. Pellentesque commodo.

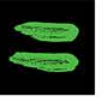
Associate 60 mins timeslot
Starting time 10:00

Next time slot
11:30 AM

Today 21:00 - 21:00

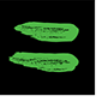


Athlete Central – ABP Impact



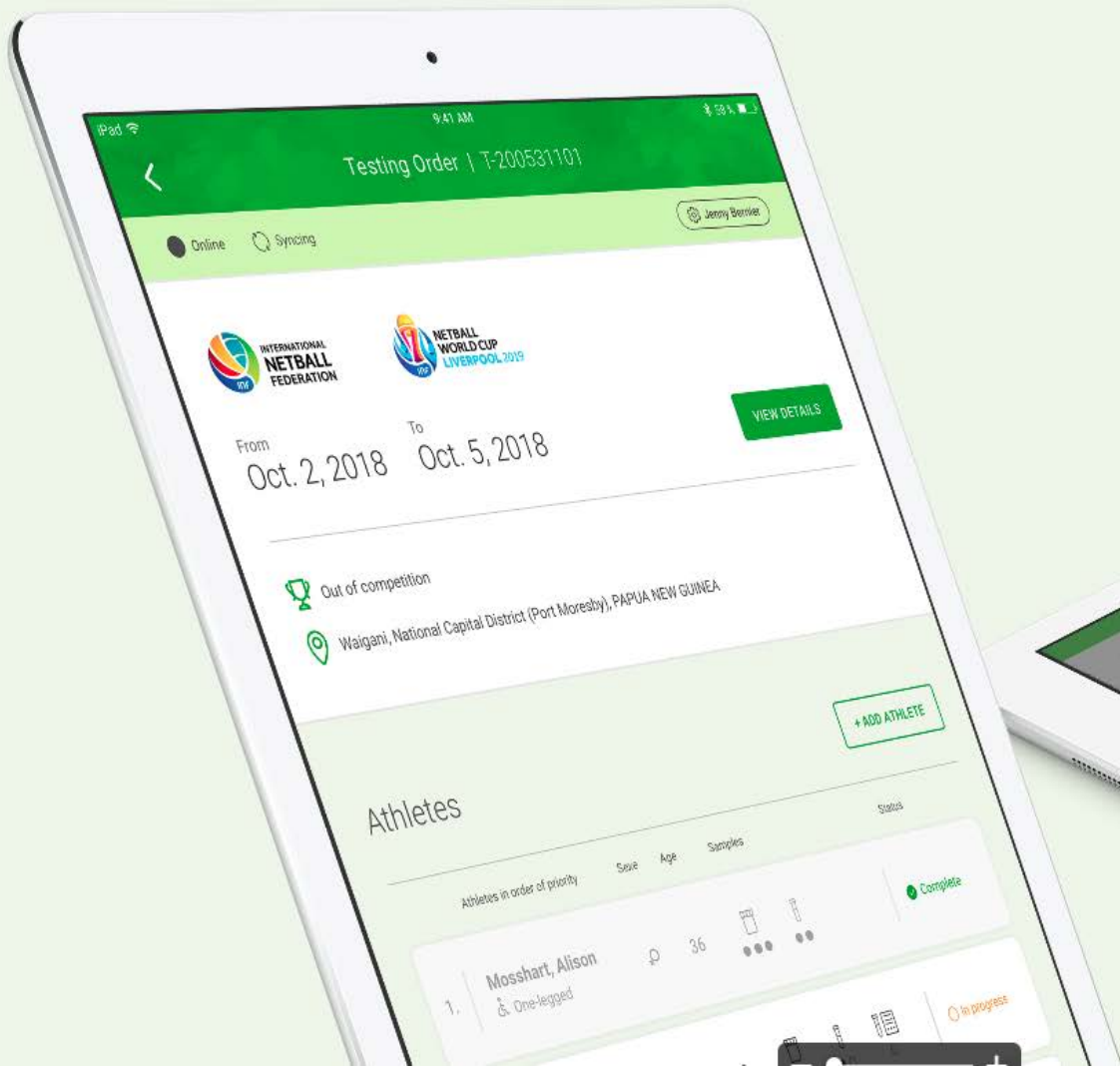
- More accurate whereabouts for targeted testing
- Future means to access testing history/data
- Mapping API
 - Standardizes location information
 - Affords altitude options

Paperless Doping Control Application



- Single DCO user
- Tablet based – iOS and Android
- Work online / offline
- Electronic signature
- Multiple languages

Faster and better standardized data transmission to APMU & Experts



Testing Order | T-200531101

Online Syncing Jenny Bernier

INTERNATIONAL NETBALL FEDERATION NETBALL WORLD CUP LIVERPOOL 2019

From Oct. 2, 2018 To Oct. 5, 2018 [VIEW DETAILS](#)

Out of competition
Waigani, National Capital District (Port Moresby), PAPUA NEW GUINEA

Athletes [+ ADD ATHLETE](#)

Athletes in order of priority	Sex	Age	Samples	Status
1. Mosshart, Alison One-legged	♀	36	● ● ● ● ● ●	Complete
2. Myung-Soo, Kim Blind	♂	28	● ● ● ● ● ●	In progress
3. Ivarsson, Maja	♀	22	● ● ● ● ● ●	To do

Athlete Notification Signature

INTERNATIONAL NETBALL FEDERATION NETBALL WORLD CUP LIVERPOOL 2019

Athlete | رياضي

Last Name: Abu Ghaush | ابو غوش | التكنية
First Name: Ahmad | أحمد | التسم الكرون
Language: Lebanese | لبناني | لغة

Notifier | أبلغ

Last Name: Bernier | التكنية
First Name: Jenny | التسم الكرون

Date & Time | التاريخ والوقت

Date: Octobre 2, 2018 | 2 اكتوبر 2018 | التاريخ
Time: 18:38 | وقت

I hereby acknowledge that I have received and read this notice, including the **Athlete Rights and Responsibilities**, and I consent to provide sample(s) as requested (I understand that failure or refusal to provide a sample may constitute an anti-doping rule violation).

أقر بموجب هذا بإبني لتلقي هذا الإشعار وقراءته، بما في ذلك حقوق ومسؤوليات الرياضيين، ووافق على تقديم عينة (عينات) كما هو مطلوب (أفهم أن الإحتمال أو رفض تقديم عينة قد يشكل انتهاكاً لقاعدة مكافحة المنشطات).

Athletes' Whereabouts

Offline Last sync: Friday, Sept. 21 2018 15:51 Jenny Bernier

Athlete	Tuesday October 2, 2018	Wednesday October 3, 2018	Thursday October 4, 2018
Mosshart, Alison	17:00 - 18:00 Hotel Bonaventure	17:00 - 18:00 Hotel Bonaventure	17:00 - 18:00 Hotel Bonaventure
Myung-Soo, Kim	12:00 - 16:00 McGill College	17:00 - 18:00 Hotel Bonaventure	12:00 - 16:00 McGill College
Ivarsson, Maja	17:00 - 18:00 Hotel Bonaventure	18:30 - 00:00 McGill College	17:00 - 18:00 Hotel Bonaventure
	18:30 - 00:00 McGill College		18:30 - 00:00 McGill College
Ivarsson, Maja	12:00 - 16:00 Air Canada	14:00 - 18:00 Hotel Bonaventure	17:00 - 18:00 Hotel Bonaventure
	17:00 - 18:00 Hotel Bonaventure		



ADAMS Next Generation Modules

Quick Search

Athlete

4 athletes found

Name	ADAMS ID#
CHOMCHUENDEE, Chavanisa	CHCHFA51549
Chomchuendee, Chavanisa	CHCHFA43004
Moguchaya, Alexandra	MOALFA55722
Ndiaye, Chaya	NDCHFA19406

Ndiaye,Chaya

 Biological Passport

Address Book

 Whereabouts

 DCFs(9)

Created-In Progress - Urine[]

02-May-2018 - Created-In Progi

18-Mar-2018 - Complete-Sampl

Created-In Progress - Urine[]

19-Aug-2015 - Complete-Sampl

04-Aug-2015 - Complete-Sampl

04-Aug-2012 - Complete-Sampl

16-Oct-2009 - Complete-Sampl

15-Oct-2009 - Complete-Sampl

 Tests(11)

Negative Findings

 AAFs(4)

ATFs

 Whereabouts Failures(4)

 ADRVs(2)

Test Data Entry and Doping Control Form

Originally created 25-Aug-2015 15:48 GMT , by Ndiaye, Chaya from WADA-AMA
 Last updated 04-Mar-2016 17:16 GMT , by Ndiaye, Chaya from WADA-AMA

Athlete Ndiaye, Chaya	ADAMS ID# NDCHFA19406	Date of birth 14-Feb-1980	Sport Nationality HOLY SEE (VATICAN CITY STATE)	Gender Female
Sport / Discipline Weightlifting Weightlifting ; Hornuss Hornuss ; Sambo Sambo				

Test Mission Code	ADAMS DCF# D-361794162	ADO Reference#	Date of Test* 19-Aug-2015
--------------------------	----------------------------------	-----------------------	-------------------------------------

Testing Authority* WADA-AMA - World Anti-Doping Agency	Result Management Authority* WADA-AMA - World Anti-Doping Agency	Sample Collection Authority* WADA-AMA - World Anti-Doping Agency	<input type="button" value="print"/>
Test Coordinator	Lead DCO		

Sport Discipline* Traditional Archery Traditional	Event	Athlete Level <input type="checkbox"/> National <input type="checkbox"/> International
Test type* In Competition	Notice* No Advance Notice	
Comments		

Status* Complete-Sample(s) collected	<input type="button" value="View Test"/>
--	--

Samples (1)	Notification Details	Comments	Participants	Activities(7)	Non-Conformities
Type Blood passport	Sample Code* testchaya	Time of Collection* 05:00	Sent to Lab* WADA-AMA - Montreal,	<input type="button" value="CoC"/>	<input type="button" value="print"/>
Time zone	Temp Logger ID	Temp Logger Status			

ABP Supplemental Report Form

Has the athlete been seated for ten minutes prior to blood collection? Yes No

Was the sample collected immediately following at least three consecutive days of competition (hemodilution expected)? Yes No

MENU

RETURN TO
CLASSIC ADAMSSEARCH FOR DOPING
CONTROL FORMSCOMPLETE NEW
ADAMS SURVEY

Create Doping Control Form

Last Name, First Name (Male)

Status: Draft

Cancel

Save as Draft

Authorization

Mission Order Number **M-1234**
ADO Reference Number **1234567**
* Testing Authority **World Anti-Doping Agency**
* Sample Collection Authority **Canadian Centre for Ethics in Sport**
* Result Management Authority **International Tennis Federation**
Test Coordinator **Independent Testing Authority**

2 Notification

Lorem Ipsum
dolor si amet. Lorem
losum dolor si amet.* Advance Notice Yes No* Notification Date
dd-mm-yyyy* Notification Time
hh:mm60-min Time Slot Yes* Country * Region City Document Type Selection Criteria * Notifying Chaperone

+ Enter new notifying chaperone

Next

3 Athlete Information



TESTING CENTER

SEARCH FOR DOPING CONTROL FORMS

PLAN AND MONITOR ▾

TEST DISTRIBUTION PLAN

TDP MONITORING

TDSSA COMPLIANCE

BACK TO CLASSIC ADAMS

Creating Doping Control Form

Last Name, First Name (Male)

Status: **Draft**

CANCEL

SAVE



Tooltip on top in two lines

*Advance Notice i Yes No

*Notification Date 📅

*Notification Time 🕒

*60-min Time Slot Yes No

Country

Region

City

Document Type

Selection Criteria

Notifying Chaperone

June 2018						
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

NEXT

Go to step 3:
Athlete Information





DASHBOARD

TESTING CENTER

+ PLAN AND MONITOR

BACK TO CLASSIC

Dashboard

Tests with Actions to be Taken

2
Active AAF

[View](#)

You need to confirm or reject match to make them disappear from the above list.

0
Active ATF

[View](#)

Active Testing Orders

CREATE TESTING ORDER

Testing orders	Start date	End date	Sports	DCO name	Tests
T - 123456 OOC	15-Oct-2018	31-Oct-2018	Athletics	White, John	8/10
T - 223322 OOC	16-Oct-2018	25-Oct-2018	Aquatics	White, John	4/5
T - 333222 OOC	17-Oct-2018	05-Nov-2018	Biathlon	Thorpe, Ben	2/3
T - 445522 IC	30-Oct-2018	01-Nov-2018	Skiing	Lena, Muller	0/5
T - 2222 OOC	31-Oct-2018	02-Nov-2018	Skating	Lena, Muller	0/2

[Show 15 more active testing orders](#)

[View Testing center](#) for a complete list of all tests.

Current year Last 12 months

Insights

9
AAFs

[View](#)

2
ATFs

[View](#)

33
tests with
pending results

[View](#)

11
out of 18
disciplines meet
TDSSA MLAs

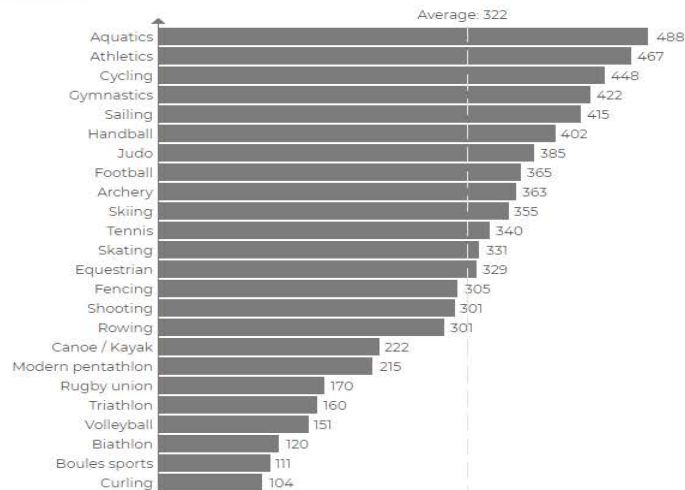
[View](#)

● Samples collected Total: 502 OOC: 77% 65% ADO average i
● Tests conducted Total: 425 OOC: 88% 78% ADO average
● Tests non successful Total: 24



Distribution of Testing

Sports DCO Country of testing Sport nationality



DASHBOARD

TESTING CENTER

+ PLAN AND MONITOR

BACK TO CLASSIC

Dashboard

Tests with Actions to be Taken

2

Active AAF

[View](#)

0

Active ATF

[View](#)

You need to confirm or reject match to make them disappear from the above list.

Active Testing Orders

CREATE TESTING ORDER

Testing orders	Start date	End date	Disciplines	Country	SCA	Tests
T - 123456 OOC	15-Oct-2018	31-Oct-2018	Throws, Jumps	Canada	CCES	8/10
T - 223322 OOC	16-Oct-2018	25-Oct-2018	Marathon	Canada	CCES	4/5
T - 333222 OOC	17-Oct-2018	05-Nov-2018	Ultra running	Australia	ASADA	2/3
T - 333333 IC	04-Nov-2018	10-Nov-2018	Jumps, Half marathon, Road running, Throws, Ultra running	Germany	NADA	0/8
T - 444444 OOC	17-Nov-2018	25-Nov-2018	Track	Germany	NADA	0/3

[Show 15 more active testing orders](#)

[View Testing center](#) for a complete list of all tests.

Current year Last 12 months

Insights

9

AAFs

[View](#)

2

ATFs

[View](#)

33

tests with pending results

[View](#)

11

out of 18 TDSSA MLAs meet

[View](#)

- Samples collected Total: 502 OOC: 77% i
- Tests conducted Total: 425 OOC: 88%
- Tests non successful Total: 24



Distribution of Testing

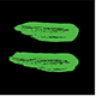


Top 5 countries (Number of tests)

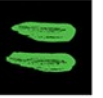
- China (88)
- France (75)
- United States of America (63)
- India (41)
- Egypt (33)



Laboratory - ADAMS Connectivity

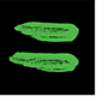


- Optional LIMS-ADAMS API
 - Bi-directional exchange of data
 - WADA-led documentation and development support
- Doping Control Form (DCF) information
- Analysis Request information
- Analytical results
- BPLR



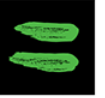
What about the ABP?!

Foundations for ABP module are now established



- Dashboard technology implemented to highlight key metrics
- Athlete Central optimizes location information
- Athlete Central to afford possibility of accurate altitude integration
- Paperless to expedite ABP data availability in ADAMS
- Lab API expedites data entry into ADAMS and mitigates DCF errors
- API strategy will permit integration with alternative ABP visualization and management software

What will the new Module look like?



- New workflows for both steroidal and hematological modules
- Passport management tool to enable tracking, tagging and notation
- Dependencies on notifications removed in favor of Dashboards
- Visualization of passports will be reviewed (no more Java!)
including possibility of layered data
- Simplified dashboard reporting and filtering

DASHBOARD

TESTING CENTER

+ PLAN AND MONITOR

BACK TO CLASSIC

ABP Expert Dashboard

10

passports need to be finalised

Show only

7

ATPF

Show only

3

on the watchlist

Show only

+ Filters

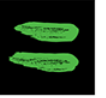
Date range: **20-Feb-2015 to 31-Oct-2018 (All-time)**

88 athlete biological passports

BP ID	Assignment date	APMU	Passport status	Report status	Expert opinions	Urgency	Days left	Tags	Actions
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	All ▾	<input type="text"/>	<input type="text"/>	
+ BP - 1111	17-Oct-2018	Ghent, Belgium	ATPF	Unread		■	0		View ☆
+ BP - 2222	18-Oct-2018	Montreal, Canada	ATPF	Information requested		■	0		View ☆
+ BP - 3333	23-Oct-2018	Montreal, Canada	ATPF	Unread		■	0		View ☆
- BP - 4444	24-Oct-2018	Ghent, Belgium	ATPF	Draft	Suspicious	■	1		View ☆
112244	24-Oct-2018			Draft	Suspicious				
223344	10-May-2017			Submitted	Likely doping				
- BP - 5555	24-Oct-2018	Seibersdorf, Austria	ATPF	Draft	Normal				View ☆
115555	24-Oct-2018			Draft	Normal				
448855	20-Jun-2018			Submitted	Likely doping				
558899	08-Mar-2018			Submitted	Likely doping				
+ BP - 6666	26-Oct-2018	Tokyo, Japan	ATPF	Information received		◆	3		View ☆
+ BP - 9999	27-Oct-2018	Tokyo, Japan	ATPF	Unread		●	4		View ☆
+ BP - 8888	24-Oct-2018	Tokyo, Japan	Normal	Draft	Suspicious	●			View ☆
+ BP - 5858	10-Sep-2018	Seibersdorf, Austria	Normal	Draft		●			View ☆
+ BP - 9595	15-Aug-2018	Seibersdorf, Austria	Normal	Unread		●			View ☆
+ BP - 8585	8-Jul-2018	Seibersdorf, Austria	Normal	Submitted	Normal				View ☆



How will this be achieved?



- Other modules have had the ABP in mind (paperless, test planning)
- UX design prioritized
- ADO, APMU, Lab and Expert Surveys and Interviews
- Availability of APIs in all modules to foster innovation
- Iterative development plan (MVP –followed by improved versions)

play true

Q&A