ADAMS & The Athlete Biological Passport

ABP Symposium

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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





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

908/

95%

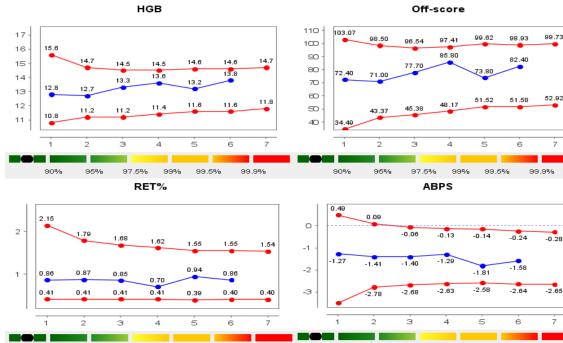
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99.9%

 Automatic reporting to WADA



90%

95%

97.5%

99%

99.5%

99.9%



	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

ABP Accessibility







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



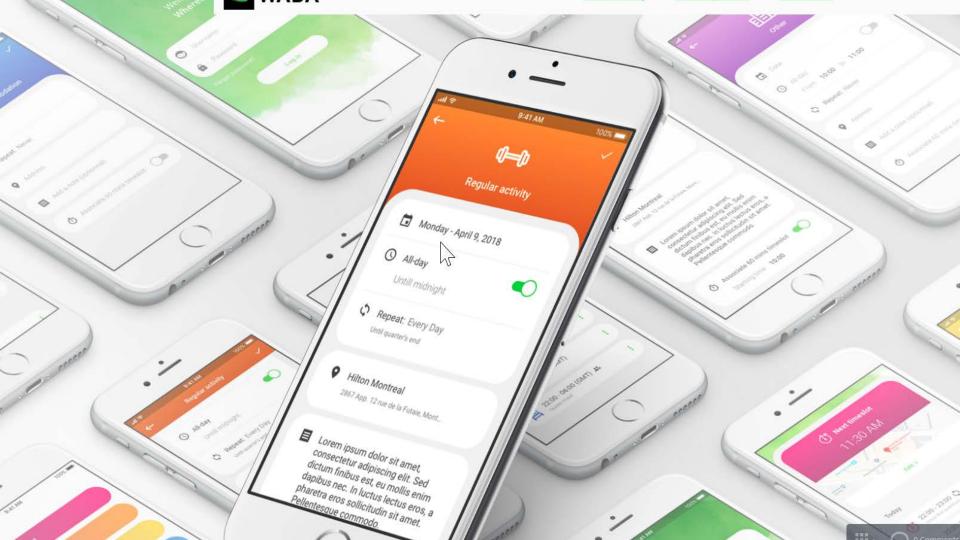




Infrastructure & Security upgrades



- 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





Athlete Central – ABP Impact



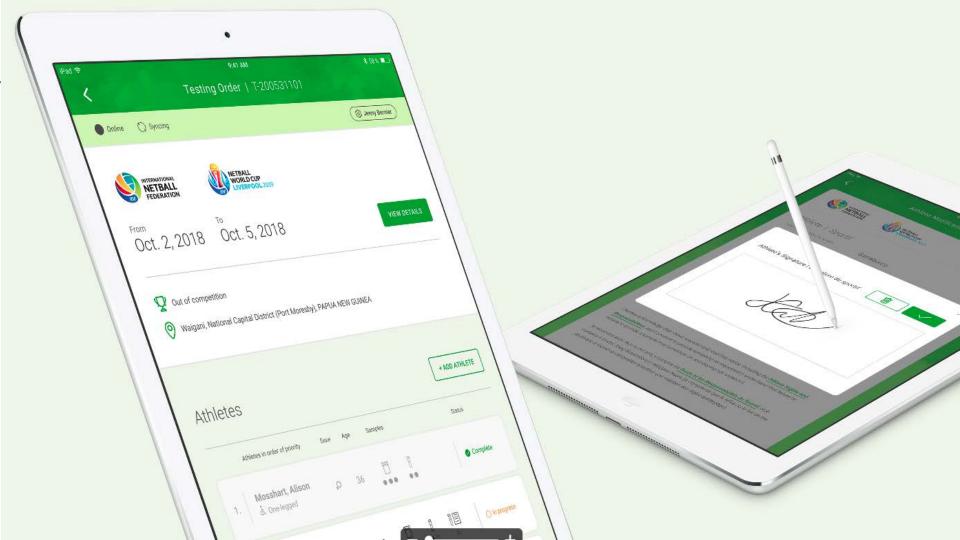
More accurate whereabouts for targeted testing

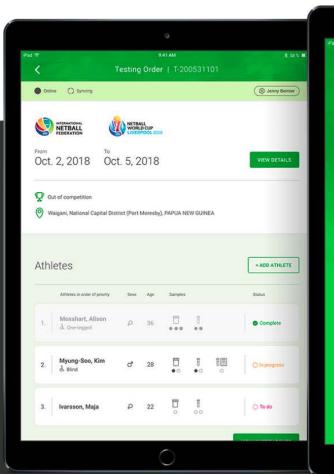
- Future means to access testing history/data
- Mapping API
 - Standardizes location information
 - Affords altitude options

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





	941 AM Athlete Notification Signature	
	NTERMIDIAL PEDERATION	Г
	رياضي Athlete	
Last Name	ابو غوش Abu Ghaush	الخنبة
First Name	أحمد Ahmad	الاسم الاول
Language	لبناني Lebanese	Gal.
	أبلغ Notifier	
Last Name	Bernier	فينف
First Name	Jenny	لتسم الاول

Date	2 أكتوبر 2018 2018 Cctobre 2, 2018 2018	50
Time	18:38	فت

I hereby acknowledge that I have received and read this notice, including the <u>Athlete Rights and</u> <u>Responsibilities</u>, 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).

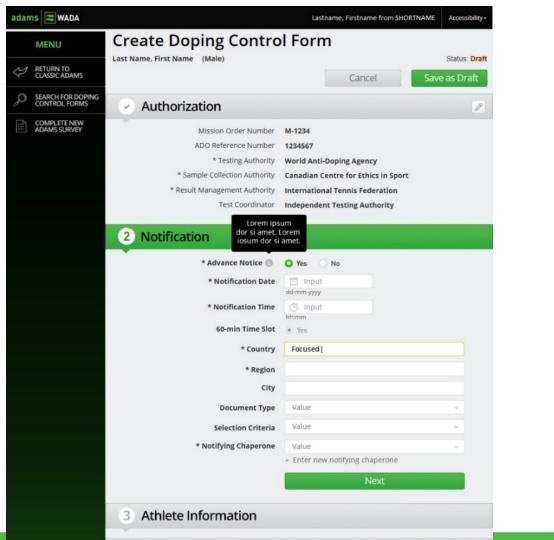
أقر بموجب هذا <mark>يأنني تلقيت هذا الإشعار وفراءته ، بما في ذلك حقوق ومسؤوليات الرياضيين ، وأواقق على</mark> تقديم عينة (عينات) كما هو مطلوب (أفهم أن الإحفاق أو رفض تقديم عينة قد بشكل النهادًا تقاعدة مكافحة المنشطات).

		Whereabouts	
) Offline Last sy	ne : Friday, Sept. 21 2018 15:51		🛞 Jenny Berni
Athlete	Control Contro	Wednesday October 3, 2018	Thursday October 4, 2018
Mosshart, Alison	17:00 - 18:00 Hotel Bonaventure	17:00 - 18:00 Hotel Bonaventure	Image: 17:00 - 18:00 Hotel Bonaventure
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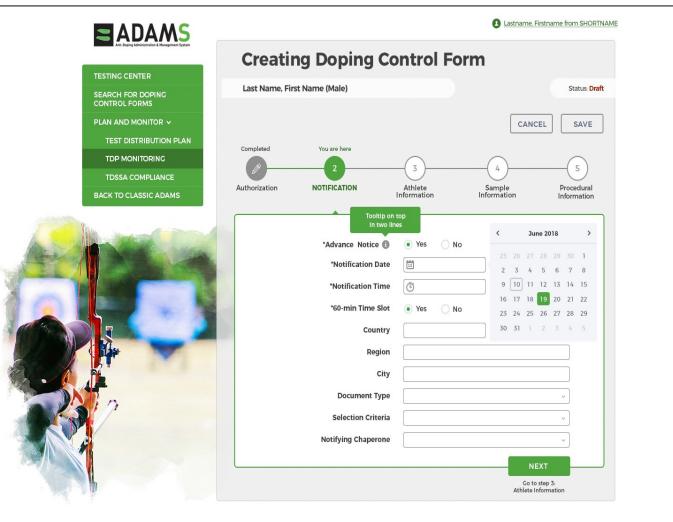


ADAMS Next Generation Modules

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ATFs Comp Logger for Form Coger Status	⊞ AAFs(4)					-
ABP Supplemental Report Form	ATFs	Temp	Logger ID Temp Lo	ogger status		
ADKVS(2)	• Whereabouts Failures(4)					
Has the athlete been seated for ten minutes prior to blood collection?	ADRVs(2)					
Was the sample collected immediately following at least three consecutive days of competition (hemodilution expected)?	4 b					









DASHBOARD

- TESTING CENTER
- + PLAN AND MONITOR
 - BACK TO CLASSIC



Dashboard

Current year

Tests with Actions to be Taken

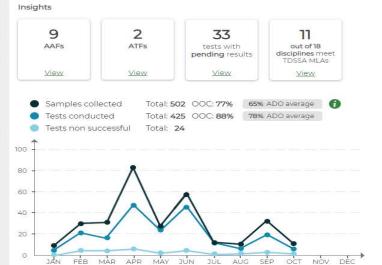


Last 12 months

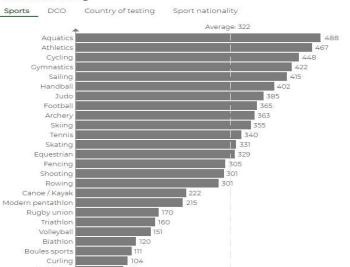
You need to confirm or reject match to make them disappear from the above list.

CREATE TEST	INGORDER				
Testing orders	Start date	End date	Sports	DCO name	
T - 123456 OOC	15-Oct-2018	31-Oct-2018	Athletics	White, John	
<u>T - 223322 OOC</u>	16-Oct-2018	25-Oct-2018	Aquatics	White, John	
<u>T - 333222 OOC</u>	17-Oct-2018	05-Nov-2018	Biathlon	Thorpe, Ben	
<u>T - 445522 IC</u>	30-Oct-2018	01-Nov-2018	Skiing	Lena, Muller	
T-2222 OOC	31-Oct-2018	02-Nov-2018	Skating	Lena, Muller	

View Testing center for a complete list of all tests.



Distribution of Testing



Active Testing Orders



TESTING CENTER

+ PLAN AND MONITOR

BACK TO CLASSIC



Dashboard

Tests with Actions to be Taken



You need to confirm or reject match to make them disappear

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

FEB MAR APR MAY JUN

CREATE TES	TING ORDER	J.				
Testing orders	Start date	End date	Disciplines	Country	SCA	
<u>T - 123456 OOC</u>	15-Oct-2018	31-Oct-2018	Throws, Jumps	Canada	CCES	
T - 223322 OOC	16-Oct-2018	25-Oct-2018	Marathon	Canada	CCES	
<u>T - 333222 OOC</u>	17-Oct-2018	05-Nov-2018	Ultra running	Australia	ASADA	
<u>T - 333333 IC</u>	04-Nov-2018	10-Nov-2018	Jumps, Half marathon, Road running, Throws, Ultra running	Germany	NADA	
<u>T - 44444 OOC</u>	17-Nov-2018	25-Nov-2018	Track	Germany	NADA	

View Testing center for a complete list of all tests.

DEC

NOV

Active Testing Orders

Current year Last 12 months

0

JAN



JUL AUG

SEP

OCT



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



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
- <u>API strategy will permit integration with alternative ABP visualization</u> 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

AND MONITOR	10 passports need to be finalised Show only	7 ATPF Show only	3 on the watchlist Show only							
	Filters Date range		o-2015 to 31-Oct-2018	(All-time)						
	88 athlete biologica	Assignment date	APMU	Passport status	Report status	Expert opinions	Urgency All 🔻	Days left	Tags	Actions
EL CA	BP - 1111	17-Oct-2018	Ghent, Belgium	ATPF	Unread	August and a second sec		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				
Ma	558899	08-Mar-2018			Submitted	Likely doping				
and a set	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)



