



**European
Society of
Hypertension**

ESH Council Meeting Agenda

MILAN, MARCH 2, 2019

Venue:

NH President Hotel, Largo Augusto 10, 20122 Milan

1. PRESIDENT'S WELCOME

(K. Tsioufis)

Apologies: M. Bochud, C. Borghi, B. Williams,

2. MINUTES OF BOLOGNA SCIENTIFIC COUNCIL MEETING NOVEMBER 3, 2019

(K. Tsioufis, R. Kreutz)

Minutes of the Meeting of the ESH Scientific Council Bologna, November 3, 2018

Present

K. Tsioufis, President
E. Lurbe, Vice President
R. Kreutz, Secretary
E. Agabiti Rosei, Immediate Past President
B. Jelakovic, Officer at Large

ESH Council members

A. Januszewicz
T. Kahan
J. Polonia
P. Van de Borne

Ex-officio members

C. Borghi
D. Lovic

Apologies

M. Azizi
M. Bochud
M. Burnier
A. Manolis
B. Williams

Executive officers

G. Mancia
G. Parati
D. Clement
A. Coca

Further Participants

M. Massaro, AIM
R. Lynch

1. PRESIDENT'S WELCOME

The meeting was opened by the ESH President K. Tsioufis who welcomed the Council members to the meeting and thanked C. Borghi for hosting the meeting in Bologna.

He pointed out the importance of this meeting and the need to address ways to improve the visibility of the Society.

He conveyed the apologies of M. Azizi, M. Bochud, M. Burnier, A. Manolis and B. Williams. The President pointed out that it is the duty of Council members to attend the Council meetings and dates of upcoming meetings should be saved in advance.

2. MINUTES OF BARCELONA SCIENTIFIC COUNCIL MEETING, JUNE 8, 2018

The minutes were accepted unanimously by the Council. The minutes are available on the ESH website in the Council Area where Council members may consult them.

3. TREASURER'S REPORT

R. Kreutz informed the Council that M. Bochud, ESH Treasurer has requested, due to her heavy work load, to step down as Treasurer of the Society. M. Burnier, ESH Foundation Treasurer and past ESH Treasurer has taken over M. Bochud's duties from June 2018 up to date.

J. Polonia was candidated as the new Treasurer. No objections were raised by the Council, his nomination will be officially confirmed during the General Assembly in June. J. Polonia thanked the Council. He will work with M. Burnier during this transition period.

R. Kreutz conveyed M. Burnier's apologies for not being able to attend the Council Meeting, because of an acute illness and presented on his behalf the unaudited financial reports for both ESH and the ESH Foundation at 30.09.18.

	30.09.2018 (CHF)	31.10.2017 (CHF)			
Net assets at beginning of period	2102408	1548302	EXPENDITURE		
			Allowance to the FESH	360450	325.7%
					0.0%
INCOME			Expenses		
Meeting income			Bank charges/Safeguarding fees	6028	5.4%
Meeting Milan	0.0%	1209488	Gain/Loss on Securities	19540	16.8%
General Meeting income	10718	10720	Administration costs	12700	11.5%
Total Meeting income	10718	10720	Legal and Professional Fees	11974	10.8%
			Website expenses	67324	59.0%
Subscriptions			Other expenses	4202	3.9%
Subscriptions	237	382	General Meeting costs	2717	2.5%
Subscriptions/Organisations	67024	87.7%	Donations	37150	33.8%
Total Subscriptions	67261	87.9%	Tax payments	0.0%	0.0%
			General expenses	158750	143.4%
Other income			Meeting Milan	0.0%	0.0%
Dividend/Interest securities	255	248	Awards granted	11328	10.3%
Gain/Loss on securities	47357	2.4%	Exchange difference	0.0%	0.0%
Exchange difference	89540	8.1%	Total Expenses	174193	157.4%
Royalties received	117951	6.5%			
Extrordinary income	2430	2.2%	Total EXPENDITURE	534903	483.0%
Total Other income	2485	2.4%	Profit / Loss	-423729	-383.0%
			Net assets at end of period	1618679	7539489
Total INCOME	110674	100.0%			

Foundation of the ESH, 6300 Zug			EXPENDITURE		
Income and Expenditure as per 30.09.2018 (provisional, not audited)					
	30.09.2018 (CHF)	31.12.2017 (CHF)			
Net assets at beginning of period	389288	349322	General expenses		
INCOME			Bank charges/banking fees	680	0.2%
Allowance to the FESH	280480	0	Loss on securities	1700	0.4%
Other income			Exchange difference	24733	6.2%
Contribution to Educational Meeting	0	5951	Administration costs	4472	1.2%
Subscriptions of organisations	20750	6300	Legal and Professional fees	9751	2.5%
Dividend/Interest Securities	529	302	Total General expenses	34725	9.0%
General Meeting income	0	2324	Meeting expenses		
Exchange difference	0	9104	Symposiums: Administration	9598	1.6%
Total Other Income	280972	29480	Symposiums: Travel	8543	2.3%
	100.0%	100.0%	Symposiums: Accommodation	36379	24.7%
			Symposiums: Faculty Members	22915	6.1%
			Summer School expenses	10338	14.0%
			Educ. Meeting: Accommodation	0	0.0%
			General Meeting costs	2470	0.6%
Total INCOME	389972	29480	Total Meeting expenses	12676	35.3%
	100.0%	100.0%	Total EXPENDITURE	171901	44.2%
			Profit / Loss	218061	55.8%
			Net assets at end of period	407927	389288

T. Kahan enquired about how the Society is investing its assets. R. Kreutz said he did not have this information and will ask for a written report from the Treasurer on the strategy for 2019.

No new request was made to transfer funds to the FESH. A more detailed report will be presented at the next Council meeting in March 2019.

4. STATUS ESH BY-LAWS

The By-laws were approved during the General Assembly in June 2018. K. Tsioufis thanked R. Kreutz and E. Lurbe for the excellent work done in updating the By-laws. The official version of the By-laws is currently being registered in the Canton of Zug, Switzerland, and will be circulated to all members and published on the ESH website*.

5. COUNCIL MEMBERS

R. Kreutz summarized that the ESH Scientific Council is formed of 11 elected members (including office bearers), by non-voting ex-officio members and by non-voting Executive officers.

a) END OF TERM MEMBERS

Regular members

Members leaving the Council in June 2019:

1. P. Van de Borne
2. E. Agabiti Rosei
3. M. Bochud (personal request)

Change in office bearers in June 2019:

1. K. Tsioufis will end term as President
2. E. Agabiti Rosei will end term as immediate Past President

Those Council members finishing first 4-year term should be re-elected during the General Assembly.

*Addendum to the Council Meeting Minutes by the Secretary R. Kreutz on November 12, 2018.

The updated By-laws of the ESH were registered at the Handelsregisteramt Zug, Switzerland on November 9, 2018.

b) NOMINATION NEW MEMBERS

A call for applications and nominations of new members for ESH Council.

An announcement will be posted on the ESH website informing ESH members that 2 positions on the Scientific Council will become available at the next Scientific Meeting to be held in Milan, 21-24 June 2019.

Decisions on the criteria for selection of possible candidates will be made during the Council meeting in March.

In an open discussion, the following ideas to make serving on the Council more appealing were discussed:

- Geographical representation
- Increasing the number of female council members
- Balancing and broaden the spectrum of medical specialities including diabetology, neurology (stroke specialist).
- Making roles within the Council flexible, including the possibility to rotate between assignments, e.g. from Hypertension Specialist Programme to co-ordinator of working groups or vice versa
- Ex-officio members and Executive-officers shall in general serve for a two-year term with the option to renew the appointment for two more years.
- Involving young ESH members, e.g. one Executive-officer from the Young Hypertension Forum

6. ESH RESEARCH PROJECTS

a) ESH BP Control Study

B. Jelakovic updated the Council on the status of the BP Control Study. 100 Excellence Centres are taking part in the study. The website is ready and registration through ESH website is necessary to access the eCRF. Shipment of the devices to the first group of Excellence Centres has begun and will progressively extend to the other Centres, delivery of all devices should be completed by end November.

A national coordinator, ideally an ESH Council member or alternatively a young fellow, should be nominated as the national contact person for the project in each country.

The following Council members were proposed to serve on the Scientific Steering Committee: B. Jelakovic, K. Tsioufis, E. Agabiti Rosei, G. Manica, R. Kreutz, J. Polonia, A. Januszewicz.

The following Council members were proposed to serve on the Safety Committee: E. Lurbe, A. Coca, D. Lovic.

A list of Excellence Centres participating in the study will be posted on the ESH website.

b) ESH APP Pilot Study

K. Tsioufis confirmed the study, which will be carried out in 6 European countries: Belgium, Croatia, Germany, Greece, Poland and Serbia. Greece has obtained approvals, notwithstanding problems encountered with the Privacy Policy.

c) **ESH Emergency BP Project**

K. Tsioufis gave a brief overview of the ESH registry of hypertensive URGenCies and Emergencies (ESH-URGEM).

7. YOUNG ESH MEMBERS AND ACTIVITIESa) **ESH YOUNG INVESTIGATORS FORUM**

J. Polonia summarized briefly the status of this initiative up to date.

Due to the scarce response to the first letter sent to the National Society Presidents, a second invitation will be sent out to the National Society Presidents and Secretaries, and to the list of recent Summer School participants provided by R. Cifkova.

A session for the Young Investigators Forum will be included in the next Annual Meeting programme. The session will be held on Friday 21 June. The names of candidates should be sent to G. Mancia before the end of the year.

b) **HYPERTENSION SUMMER SCHOOL 2019**

The Council discussed whether participants from outside Europe should be accepted. The members agreed that a careful selection from certain geographical areas could be made, for example from Latin American countries. With the growing interest from non-European countries, local Summer Schools could be organized in other geographical areas (India etc.). The 2019 Spring Summer School in China will be funded by the Chinese Hypertension League.

A discussion followed on how to innovate the structure of the Summer School making the meeting more interactive. The following ideas were suggested:

- Selection of participants and enrolment of participants from European National Societies is crucial and should be executed early in advance by the organizing committee.
- Participants are invited to comment on a paper provided in advance
- Add a "How to present a paper session"
- Faculty members should stay as long as possible, ideally for the entire period of the event
- Faculty members should interact more (also after hours) with participants
- Follow up with participants, possibly by mentorship of faculty members for selected participants after the Summer School
- Involve local speakers
- Follow up with National Societies who do not send participants

The Council approved R. Cifkova's request of €1500 as compensation for work carried out for the Summer School by her secretary.

K. Tsioufis confirmed the dates of the 2019 Summer School, which will be held 14-20 September in Athens, Greece.

D. Lovic confirmed the dates of the 2020 Summer School, which will be held 13-18 September in Belgrade, Serbia.

8. WORLD HYPERTENSION DAY, MAY 17, 2019

Ideas on how to promote the ESH World Hypertension Day campaign were discussed:

- In 2019 ESH will celebrate 30 years of excellence in hypertension (1989-2019) - Link/combine WHD activities to Annual Meeting
- "Think Hypertension First" – motto to promote ESH's WHD campaign
- Create awareness around the importance of controlling hypertension
- Emphasize (correct) Blood Pressure measurement
- Include a simple questionnaire on Blood Pressure in the ESH App
- Use material from new ESC/ESH Guidelines
- Use of social media

9. 2016 ESH GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPLEMENTATION ACROSS EUROPE

E. Lurbe gave an overview of the guidelines and the planned activities for the implementation of the guidelines in Europe. To this end, a questionnaire has been created and will be sent out to the Presidents of the National Societies of Hypertension.

10. ESH ANNUAL MEETINGSa) **ESH 2018 ANNUAL MEETING IN BARCELONA, FINAL REPORT**

M. Massaro provided an overview of the 2018 Meeting. The total number of participants, 2648 was slightly higher than in 2017 with a total income of €1.977.529,44. The number of free registrations were reduced.

BUDGET	
FINAL BALANCE	
Sponsorship incomes	€ 823.375,00
Registrations	€ 1.154.154,44
Expenditures	€ 1.616.871,06
Minimum Guaranteed ESH	€ 100.000,00
Minimum Guaranteed LOC	€ 100.000,00
FINAL PROFIT (to be shared 50%)	€ 160.658,38

ESH income from the meeting is €180.329,19 (€100.000 min. guaranteed + 80.329,19). Of the 1145 abstracts received, 1136 were accepted: 1015 Abstracts and 121 Late-breaker Abstracts. 190 were not included in the Abstract book due to non-payment of registration fee and 24 were withdrawn by the Authors. The final cost for the online publication of 922 Abstracts was €8.369,42.

282 Faculty members were invited from 53 countries worldwide. The meeting hosted 1 Sponsored Lecture (Menarini Group), 2 Satellite Symposia (Servier, Merck KGaA), 1 Hands-on Session (Somnomedics) and 10 Minisymposia (CVRx, Ferrer (2), Medtronic, Menarini Group (2), Omron Healthcare Europe, ReCOR Medical, Servier (2)).

A discussion on how to maintain income and attract participants and sponsors to the meeting was opened:

- Increase number of registrations to balance decrease of Industry sponsors
- Introduce sliding scale registration fees for low income countries (50, 30 registrants)
- Lower individual registration fees
- Lower Industry registration fees
- Invite generic drug companies
- Lower registration fees for local physicians

A report on the ESH Annual Meeting 2018, written by R. Kreutz, was published on the ESH website with feedback from all ESH Working Group leaders. In addition, a report will be published in the European Heart Journal, by invitation of the ESC after the Barcelona congress.

b) ESH 2019 ANNUAL MEETING IN MILAN

M. Massaro gave an overview of the preparations for the 2019 ESH meeting in Milan:

- Servier will support ESH leadership costs with a contribution of €40,000.
- The abstract book will be published before the meeting.
- The streaming sessions with Asia and Latin American sponsors will be repeated.
- A one-off grant of €10,000, made available by AIM, dedicated to Alberto Zanchetti to be assigned to a young researcher.
- The Council agreed that all awards do not have to be given every year.
- The Award Committee for 2019 will be nominated during the next Council meeting in Milan.
- Posters will be positioned on First floor.
- A saving of €50,000 will be made by eliminating level 0 at the congress venue in Milan.
- Confirmed sponsors: Servier, Menarini, Somnomedics, Merck KGaA, I.E.M., Wisepress.
- Pending sponsors: Omron, Medtronic, Novacor, Microlife.
- It was suggested to contact more generic and nutraceutical companies.

c) ESH/ISH JOINT MEETING 2020 IN GLASGOW (29 MAY – 1 JUNE)

The contract for the ESH/ISH Joint Meeting in 2020 was signed in Beijing during the ISH Annual Meeting. Preparations are well underway and promotion blast will start in 2019.

d) ESH ANNUAL MEETING STANDARD OPERATING PROCEDURES

R. Kreutz and M. Massaro presented the ESH Annual Meeting operating procedures to be followed for the organization of future Annual Meetings. The purpose of this summary is to provide essential information to the organizing committee about ESH “society sessions, activities” and the ESH representatives involved in those activities.

ESH ANNUAL MEETING OPERATIONAL PROCEDURES (R. Kreutz, M. Massaro)

	time	FRIDAY June 21	SATURDAY June 22	SUNDAY June 23	MONDAY June 24	
morning	08:00	ESH COUNCIL MEETING in the Hotel	Meeting with president of national societies (2)	Meeting with president of national societies (2)	Meeting with president of national societies (2)	
	08:30		Meeting (3) WG Coordinators	General Assembly (5)		
	09:00					
	09:30				NEW ESH Members (6)	immediate transition encouraged
	10:00					CLOSING CEREMONY (8) (define podium)
	10:30					
	11:00					
	11:30					
	12:00					
	12:30					
13:00						
13:30						
afternoon	14:00					
	14:30					
	15:00					
	15:30					
	16:00			clear room 15 minutes before		
	16:30	clear room 15 minutes before		AWARDS PLENARY SESSION (7)		
	17:00	OPENING CEREMONY + WELCOME COCKTAIL (1)				
	17:30		ESH Excellence Centre (4)			
	18:00					
	18:30					
19:00						
ESH members sharing this session / activity						
1.		On podium: ESH President, Annual Meeting President/Honorary President, ESH secretary				
2.		ESH President, Vice-President, Secretary and available Council Members				
3.		WG Coordinator of Council, ESH President, Vice-President, Secretary				
4.		ESH Excellence Centre Coordinator, President, Vice-President, Secretary				
5.		On podium: ESH President, Immediate Past President (Moderator), Vice-President, Treasurer, ESH secretary				
6.		ESH Vice President and Secretary				
7.		On podium all members of Award Committee: ESH President, Secretary, and at least 3 additional Council Members assigned each year (e.g. Annual Congress President and others)				
8.		On podium: ESH President, Annual Meeting President/Honorary President, Meeting President of the next Annual Meeting				

e) ESH RULES AND ENDORSEMENTS OF THE PRE- AND POST- SATELLITE SYMPOSIA AND INDUSTRY SUPPORTED SYMPOSIA

T. Kahan informed the Council that a draft document regulating the endorsement of pre- and post- satellite symposia and industry supported symposia will be circulated within the end of the year.

11. CURRENT STATUS ON RELATIONSHIPS WITH OTHER SCIENTIFIC SOCIETIES

a) ESC/ESH GUIDELINES

G. Mancía confirmed the overall feedback on the Guidelines is positive. The Guidelines are published in the Journal of Hypertension and the European Journal of Hypertension. The procedure followed for the development of the guidelines was not optimal, too many reviews, timelines too short and only ESC guideline recommendations were followed. ESH should establish its own recommendations for writing guideline Guidelines. The possibility of translation of the Guidelines was discussed and confirmed.

b) JOINT SESSIONS ESH/ESC AT ESH AND ESC 2019 MEETINGS

K. Tsioufis informed the Council that a proposal for the joint ESC/ESH session at the ESC meeting in Paris in 2019 has been submitted.

12. ESH POSITION PAPERS**a) NUTRACEUTICAL**

The first draft of the manuscript is almost complete. C. Borghi informed he is still waiting for the contribution on one of the chapters.

T. Kahan and E. Lurbe were nominated as reviewers of the paper.

C. Borghi reported that Servier and Menarini will enter the market for Nutraceuticals for hypertension.

This publication is the first publication on Nutraceuticals by an important scientific society.

b) Management of Supin Hypertension in Patients with Neurogenic Orthostatic Hypotension: J. Jordan et al.**13. NEWSLETTERS**

The Uric Acid and Hypertension Newsletter has been accepted for publication in the Journal of Hypertension.

The ESH Working Groups will contribute with Newsletters on new topics.

14. ENDORSEMENTS

P. Van de Borne reported there has been an increase in the request for meeting endorsements. Eight meeting and one book endorsements have been granted in 2018.

He pointed out that strict follow up on Industry endorsements assuring payment of requested endorsement fee should be implemented. Payments not always made in the past.

15. REPORT BY THE EDITOR JOURNAL OF HYPERTENSION

G. Mancia reported the need to speed up the time from submission to acceptance and from acceptance to publication. The new Editorial Board will be announced within mid-November.

He reiterated the need for more involvement by ISH and added that Associated Editors should be made responsible for the entire editorial process of the submitted papers.

16. ANY OTHER ISSUES (All)**a) Relations with EU**

D. Clement updated the Council on the relations with the EU. A high-level UN meeting was held in September to reinforce awareness and commitment to reducing non-communicable diseases. A paper was published in Lancet in September. Contact with MPs.

b) Antihypertensive Drugs and Cancer

Following the EMA review on impurities in sartan medicines, and recent publications associating use of Hydrochlorothiazide with skin cancer and ACE-inhibitors with lung cancer

R. Kreutz presented a brief overview on these topics. He indicated the need for an ESH Working Group on Drug Safety -Adherence and the need to provide information on the website and suggested a position paper on these topics providing a critical review and recommendations.

c) K. Tsioufis informed the Council members that, in occasion of the 30 years of ESH, he would like to prepare a brochure on the history of ESH (1989-2019). The brochure will be ready for the Milan meeting.

A photographer was engaged to take photos of the Council members.

17. DATES FOR FUTURE MEETINGS

a) Milan – Saturday March 2nd, 2019

b) Milan – Friday, June 21st, 2019

18. CLOSURE OF MEETING

K. Tsioufis thanked the ESH Council members for such an intense and productive meeting. He thanked C. Borghi and M. Massaro for the excellent organization of the meeting and wished all members a safe trip home.

R. Kreutz announced that the agenda and slides presented during the meeting will be circulated among the Council members.



Konstantinos Tsioufis
ESH President



Reinhold Kreutz
ESH Secretary

3. TREASURER'S REPORT

(L. Polonia, M. Burnier)

European Society of Hypertension, 6300 Zug

Income and Expenditures as per 31.12.2018 (provisional, not audited)

	31.12.2018 (CHF)	31.12.2017 (CHF)
Net assets at beginning of period	2'039'409	1'548'932
INCOME		
Meeting income		
Meeting Barcelona	1'114'239 79.0%	0 0.0%
Meeting Milan	0 0.0%	1'266'488 73.9%
General Meeting income	81'764 5.8%	197'338 11.5%
Total Meeting income	1'196'003 84.8%	1'463'826 85.5%
Subscriptions		
Subscriptions	237 0.0%	382 0.0%
Subscriptions/donations Organisations	97'024 6.9%	0 0.0%
Total Subscriptions	97'261 6.9%	382 0.0%
Other income		
Dividend/Interest securities	255 0.0%	248 0.0%
Gain/Loss on securities	0 0.0%	41'357 2.4%
Exchange difference	0 0.0%	86'949 5.1%
Royalties received	117'086 8.3%	117'951 6.9%
Extraordinary income	0 0.0%	2'277 0.1%
Total Other income	117'342 8.3%	248'782 14.5%
Total INCOME	1'410'605 100.0%	1'712'990 100.0%
EXPENDITURE		
Allowance to the FESH	360'450 25.6%	0 0.0%
Expenses		
Bank charges/Safekeeping fees	7'730 0.5%	3'543 0.2%
Gain/Loss on Securities	22'452 1.6%	0 0.0%
Administration costs	12'703 0.9%	8'062 0.5%
Legal- and Professional fees	18'954 1.3%	22'235 1.3%
Website expenses	63'145 4.5%	49'914 2.9%
Other expenses	5'328 0.4%	8'006 0.5%
Various Meeting costs	79'586 5.6%	69'923 4.1%
Joint ESC/ESH Guidelines	34'233 2.4%	0 0.0%
Tax payments	8'000 0.6%	8'000 0.5%
General expenses	252'131 17.9%	169'683 9.9%
Donations (ESH app)	110'408 7.8%	0 0.0%
Meeting Barcelona	911'356 64.6%	0 0.0%
Meeting Milan	0 0.0%	1'041'502 60.8%
Awards granted	0 0.0%	11'328 0.7%
Exchange difference	23'996 1.7%	0 0.0%
Total Expenses	1'297'890 92.0%	1'222'513 71.4%
Total EXPENDITURE	1'658'340 117.6%	1'222'513 71.4%
Profit / Loss	-247'735 -17.6%	490'477 28.6%
Net assets at end of period	1'791'674	2'039'409



**European
Society of
Hypertension**

4. ESH AND ESH FOUNDATION FINANCES

(K. Tsioufis, J. Polonia, G. Mancia, M. Burnier, R. Kreutz)

a. REPORT ON MEETING WITH ORNITAG

b. FUTURE PERSPECTIVES

4. ESH AND ESH FOUNDATION FINANCES

Foundation of the ESH, 6300 Zug

Balance Sheet as at 31.12.2018 (provisional, not audited)

	31.12.2018 (CHF)		31.12.2017 (CHF)	
ASSETS				
Liquid assets				
UBS AG, Zürich CHF	4'407.02	0.9%	130'899.01	45.1%
UBS AG, Zürich USD	8'747.75	1.8%	7'812.60	2.7%
UBS AG, Zürich EUR	428'313.30	86.7%	101'834.60	35.1%
Due from banks	441'468.07	89.3%	240'546.21	82.9%
Debtors	12'959.35	2.6%	0.00	0.0%
Accounts receivables	12'959.35	2.6%	9'248.00	3.2%
Securities	58'334.00	11.8%	58'334.00	20.1%
Val. Adjustment securities	-18'590.49	-3.8%	-17'842.60	-6.1%
Securities	39'743.51	8.0%	40'491.40	13.9%
Total Liquid assets	494'170.93	100.0%	290'285.61	100.0%
Total ASSETS	494'170.93	100.0%	290'285.61	100.0%
LIABILITIES & EQUITY				
Accounts payables				
Creditor	10'396.63	2.1%	6'000.20	2.1%
Accounts payables	10'396.63	2.1%	6'000.20	2.1%
Accrued expenses	6'860.85	1.4%	16'000.00	5.5%
Accounts payables	6'860.85	1.4%	16'000.00	5.5%
Total Accounts payables	17'257.48	3.5%	22'000.20	7.6%
Equity				
Foundation capital	700'000.00	141.7%	700'000.00	241.1%
Society capital	700'000.00	141.7%	700'000.00	241.1%
Profit/Loss carried forward	-431'714.59	-87.4%	-355'977.83	-122.6%
Reserves	-431'714.59	-87.4%	-355'977.83	-122.6%
Total Equity	268'285.41	54.3%	344'022.17	118.5%
Profit/Loss	208'628.04	42.2%	-75'736.76	-26.1%
Total LIABILITIES & EQUITY	494'170.93	100.0%	290'285.61	100.0%

Foundation of the ESH, 6300 Zug

Income and Expenditure as per 31.12.2018 (provisional, not audited)

	31.12.2018 (CHF)		31.12.2017 (CHF)	
Net assets at beginning of period	268'285		344'022	
INCOME				
Allowance to the FESH	360'450	90.2%	0	0.0%
Other income				
Contribution to Summer School	11'239	2.8%	0	0.0%
Contribution to Educational Meeting	11'411	2.9%	5'851	23.0%
Subscriptions of organisations	15'644	3.9%	6'490	25.5%
Dividend/Interest Securities	929	0.2%	902	3.5%
General Meeting income	0	0.0%	2'324	9.1%
Exchange difference	0	0.0%	9'924	38.9%
Total Other income	399'673	100.0%	25'490	100.0%
Total INCOME	399'673	100.0%	25'490	100.0%
EXPENDITURE				
General expenses				
Bank charges/Safekeeping fees	1'108	0.3%	435	1.7%
Loss on Securities	748	0.2%	1'525	6.0%
Exchange difference	27'255	6.8%	0	0.0%
Administration costs	8'719	2.2%	21'024	82.5%
Legal- and Professional fees	3'731	0.9%	3'888	15.3%
Total General expenses	41'561	10.4%	26'871	105.4%
Meeting expenses				
Summerschool, Administration	8'062	2.0%	261	1.0%
Summerschool, Travel	9'562	2.4%	14'190	55.7%
Summerschool, Accommodation	95'379	23.9%	48'053	188.5%
Summerschool, Faculty Members	23'615	5.9%	0	0.0%
Summer School expenses	136'617	34.2%	62'504	245.2%
Educ. Meeting, Accomodation	10'397	2.6%	11'851	46.5%
General Meeting costs	2'470	0.6%	0	0.0%
Total Meeting expenses	149'484	37.4%	74'355	291.7%
Total EXPENDITURE	191'045	47.8%	101'227	397.1%
Profit / Loss	208'628	52.2%	-75'737	-297.1%
Net assets at end of period	476'913		268'285	



5. FUTURE MEETINGS

- a. 2019 ESH MEETING, MILAN*
 - *Overview (G. Mancia, M. Massaro)*
 - *2019 Awards and ESH Honorary members (R. Kreutz)*
 - *30 years anniversary of ESH (K. Tsioufis, R. Kreutz, G. Mancia, M. Massaro)*
 - *World Hypertension Day (K. Tsioufis, R. Kreutz)*
- b. 2020 ESH/ISH MEETING, GLASGOW (K. Tsioufis, A. Dominczak, M. Massaro)*
- c. 2021 ESH MEETING, MILAN (G. Mancia)*
- d. 2022 ESH MEETING, ATHENS (K. Tsioufis)*

5. FUTURE MEETINGS

a. 2019 ESH MEETING, MILAN

2019 Awards and ESH Honorary members (R. Kreutz)

- Nominations for Awards Committee:
 - ESH President K. Tsioufis
 - Annual Meeting President G. Mancina
 - ESH Vice-President E. Lurbe
 - ESH Immediate Past President E. Agabiti Rosei
 - ESH Secretary R. Kreutz
- Announcement of Awards
- Nominations for ESH Honorary Membership

5. FUTURE MEETINGS

a. 2019 ESH MEETING, MILAN

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 - ESH Secretary R. Kreutz
- Announcement of Awards
- **Nominations for ESH Honorary Membership**

Björn Folkow Award and Lecture

This is awarded to a person or persons who have carried out original research in physiology that has contributed to the understanding of pathogenesis of hypertension.

Alberto Zanchetti Life Achievement Award

The award is conferred to a scientist with high quality life-long scientific research in the field of hypertension.

ESH Honorary Membership

Honorary membership is granted to a scientist who has made extraordinary contributions to research in hypertension or who has given exceptionally important support to the activities of the Society.

Servier Research Grant in Hypertension

The grant is awarded every 2 years for a research proposal in the field of hypertension and related diseases with focus on end-organ damage, surrogate markers, and biomarkers. The next grant will be awarded in 2019.

Talal Zein Award

This award is presented annually to a distinguished scientist originating from a Mediterranean country in recognition of their outstanding work related to the basic science, epidemiology, pathophysiology or therapy of hypertension and other cardiovascular diseases.

Paul Milliez Award

French Hypertension Society contacted by Robyn L.

Peter A. van Zwieten biannual award in Milan
last awardee in 2017 Thomas Unger (Award money €5,000)



**European
Society of
Hypertension**



**European
Society of
Hypertension**

ESH 1989 - 2019

30 YEARS

OF EXCELLENCE IN
HYPERTENSION
RESEARCH AND
EDUCATION

all updates are available on

www.esh2019.eu

29th *European meeting*
on hypertension
and cardiovascular
protection

JUNE 21-24, 2019 - MILAN, ITALY

**Join us to celebrate 30 YEARS of ESH
and take advantage of the highest
quality scientific program
related to research in Hypertension!**

ESH 30 Years

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Current status of ESH and Looking into the Future



**European
Society of
Hypertension**

5. FUTURE MEETINGS



a. 2019 ESH MEETING, MILAN

World Hypertension Day (K. Tsioufis, R. Kreutz)

- *Incoming suggestions up to now after Bologna meeting 2018: Milica Vukicevic, relevance of htn in young people, sports medicine*

Suggestions:

- *Focus on important message from the 2018 Guidelines: hypertension definition unchanged – target for (almost) everybody < 140/90*
- *Raise awareness within each National Society*
- *National Societies translate the «motto» into their national language*
- *Banner on ESH website which links to slide pack with national translations that National Societies can download*
- *Encourage to use this as tool at WHD 2019*



www.eshonline.org



Know your Blood Pressure

www.whleague.org


**30 Years of ESH
1989 - 2019**

**Save Your Life
HYPERTENSION FIRST!
Stay below 140/90 !**



**European
Society of
Hypertension**

www.eshonline.org

WORLD  **May 17th 2019**
HYPERTENSION
DAY *Initiated by the
World Hypertension League*

Know your Blood Pressure

www.whleague.org

**30 Χρόνια ESH
1989 - 2019**



Σώσε τη ζωή σου
Σκέψου την υπέρταση πρώτα !
Μείνε κάτω από 140/90 !

Example for Greece



**European
Society of
Hypertension**

www.eshonline.org

WORLD May 17th 2019
HYPERTENSION
DAY Initiated by the
World Hypertension League

Know your Blood Pressure

www.whleague.org

**30 Jahre ESH
1989 - 2019**



**Schütze Dein Leben
HYPERTONIE ZUERST!
Bleibe unter 140/90 !**

Example for Germany



JOINT MEETING
ESH-ISH
2020
Glasgow

May 29 - June 1, 2020
Scottish Exhibition Campus
Glasgow, United Kingdom

www.hypertension2020.eu



European
Society of
Hypertension



International
Society of
Hypertension



British and Irish Hypertension Society

Milan 2021

Athens 2022

6. ESH COUNCIL MEMBERS

- a. END OF TERMS MEMBERS (K. Tsioufis, R. Kreutz)*
- b. NOMINATIONS OF NEW MEMBERS (R. Kreutz)*
- c. ELECTION OF THE NEW REPRESENTATIVE OF PRESIDENTS OF NATIONAL SOCIETIES (K. Tsioufis, D. Lovic)*
- d. ELECTION OF THE NEW ESH PRESIDENT (K. Tsioufis)*
- e. ROTATION OF DUTIES AMONG ESH COUNCIL MEMBERS*

ESH –Council Members

By-laws IV.2.

a. END OF TERM MEMBERS

Members leaving the Council in June 2019:

- 1. P. Van de Borne*
- 2. E. Agabiti Rosei*
- 3. M. Bochud (per personal request)*

Change in office bearers:

- 1. K. Tsioufis – end of term as President June 2019*
- 2. E. Agabiti Rosei – end of term Immediate Past President*

Council Members finishing first 4-year term should be re-elected during the General Assembly:

The members are :

T Kahan

R. Kreutz

E. Lurbe

B. Williams

ESH –Council Members

By-laws IV.2.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
P Van de Borne	Start June								End June							
K Tsioufis							President	ImmPastPres	End June							
E Agabiti Rosei			Start June	President	ImmPastPres	End June			End June							
M Azizi			Start June						End June							
B Jelakovic			Start June						End June							
T Kahan				Start June				start 2nd				End June				
B Williams				Start June				start 2nd				End June				
R Kreutz				Start June				start 2nd				End June				
E Lurbe				Start June				start 2nd				End June				
M Bochud				Start June			stepped down					End June				
A Januszewicz							Start June				start 2nd				End June	
J Polonia							Start June				start 2nd				End June	

ESH – Council Members after June 2019 By-laws IV.2.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
K Tsioufis							President		ImmPastPres	End June					
M Azizi			Start June							End June					
B Belakovic			Start June							End June					
T Kahan				Start June					start 2nd			End June			
B Williams				Start June					start 2nd			End June			
R Kreutz				Start June					start 2nd			End June			
E Lurbe				Start June					start 2nd			End June			
A Januszewics						Start June				start 2nd				End June	
J Polonia						Start June				start 2nd				End June	
New									start new						
New									start new						

Fill up 2 positions (Philippe / Enrico)

ESH – Council Members

By-laws IV.2.

b. NOMINATION OF NEW MEMBERS

- Announcement posted on ESH website and email sent out to all ESH members for applications and nominations of new ESH Council members*
- 8 nominations and 5 applications received*

ESH – Members

By-laws IV.2.

NOMINATIONS (N=8)

CANDIDATE	NOMINATED BY	COUNTRY
Jana Brguljan	Michel Burnier	Slovenia
Christian Delles	Anna Dominiczak	United Kingdom
Maria Dorobantu	Giuseppe Mancia	Romania
Guido Grassi	Giuseppe Mancia	Italy
Dragan Lovic	Costas Tsioufis	Serbia
Alexandre Persu	Michel Azizi	Belgium
Jan Václavik	Miloš Táborsky	Czech Republic
Thomas Weber	Robert Zweiker	Austria

ESH –Council Members

By-laws IV.2.

APPLICATIONS (N=5)

APPLICANT	COUNTRY
Maria Dorobantu	Romania
Mehmet Kanbay	Turkey
Márcio Kiuchi	Brazil
Péter Légrády	Hungary
Elena Reznik	Russia

6. ESH COUNCIL MEMBERS

- a. *ELECTION OF THE NEW REPRESENTATIVE OF PRESIDENTS OF NATIONAL SOCIETIES*
(K. Tsioufis, D. Lovic)

6. ESH COUNCIL MEMBERS

a. ELECTION OF THE NEW ESH PRESIDENT (K. Tsioufis)

By-laws,
Article IV

5. **Office bearers**

Office bearers of the Society are: the President, the Vice-President, the Secretary, the Treasurer and the Officer at Large. They are elected by the Society from the elected members of the ESH Scientific Council whose term is continuing for at least two further years. Office bearers are elected at the time of the General Assembly during the Annual Meeting, giving due consideration to the recommendations of the ESH Scientific Council.

6. ESH COUNCIL MEMBERS

a. NOMINATIONS FOR NEW COUNCIL MEMBERS

DEADLINE: End May 2019

b. NOMINATIONS FOR NEW ESH PRESIDENT

DEADLINE: End April 2019

6. ESH COUNCIL MEMBERS –Ex-Officio Members

a. ROTATION OF DUTIES AMONG ESH COUNCIL MEMBERS

DUTIES	COUNCIL MEMBER	SUGGESTED TIME (yrs)	YEARS OF SERVICE
ESH – ISH representative	C. Borghi	2+2	2017
ESH-National Societies representative	D. Lovic	2	2016

6. ESH COUNCIL MEMBERS and Executive Officers

a. ROTATION OF DUTIES AMONG ESH COUNCIL MEMBERS

DUTIES	COUNCIL MEMBER	SUGGESTED TIME (yrs)	YEARS OF SERVICE
ESH Excellence Centres	B. Jelakovic	-	6 (2013-2019)
ESH Hypertension Specialists Program	M. Azizi A. Januszewicz	-	6 (2013-2019) 2 (2017-2019)
ESH Working Group Coordinator	G. Parati	-	8 (2011-2019)
Hypertension Summer School	R. Cifkova	-	21 (1998-2019)
ESH Endorsement Program	P. Van de Borne	-	8 (2011-2019)
ESH Young Investigators Forum	J. Polonia	-	2 (2017-2019)

6. ESH COUNCIL MEMBERS and Executive Officers

a. ROTATION OF DUTIES AMONG ESH COUNCIL MEMBERS

DUTIES	COUNCIL MEMBER	TERM IN YEARS	YEARS OF SERVICE
ESH Rep. For Contacts with EU Officers	D. Clement		?-
ESH Rep. Latin America Relations	A. Coca		?
ESH Rep. Middle East Relations	A. Manolis		?
Chair, ESH Educational Committee	G. Mancia		?
ESH Rep. Far East Countries	E. Agabiti Rosei		6 (2013-2019)
POTENTIAL NEW TASKS: Digital Medicine (APPs, Telemedicine) Resp. Journal of HTN			

7. ESH AND JOURNAL OF HYPERTENSION

- a. AGREEMENT WITH PUBLISHER (M. Burnier)*
- b. ESH MEMBERS ON THE MANAGEMENT BOARD (K. Tsioufis, G. Mancia)*
- c. NEW CHIEF EDITOR SELECTION (G. Mancia, All)*

8. ESH YOUNG INVESTIGATORS FORUM

(J. Polonia)

a. ESH YOUNG INVESTIGATORS FORUM

9. ESH HYPERTENSION SUMMMER SCHOOLS

- a. 2019 – Athens (Greece) 14-20 September (K. Tsioufis)
- b. 2020 – Sremski Karlovci (Serbia) 12-18 September (D. Lovic)
- c. 2021 - TBD



10. ESH EXCELLENCE CENTRES

(B. Jelakovic)

- a. APPROVAL OF NEW EXCELLENCE CENTRES*
- b. RE-ACCREDITATION OF EXCELLENCE CENTRES*

NEW APPLICATIONS

Date of Application	Name of Centre	Head of Centre	email	Country	Approved
1/11/2019	Groupe Hospitalier Paris-Saint Joseph	Jean-Jacques Mourad	jean-jacques.mourad@avc.aphp.fr	France	yes
1/11/2019	University Hospital of Ruhr University Bochum - Marien Hospital Herne	Timm Westhoff	timmm.westhoff@elisabethgruppe.de	Germany	yes
12/31/2018	Centre d'Excellence en Hypertension en Hypertension Artérielle/Clinique Pasteur Toulouse	Atul Pathak	apathak@clinique-pasteur.com	France	yes
12/9/2018	Liga Combate Hipertensão Porto Alegre	Eduardo Barbosa	edubarbosa@terra.com.br	Brazil	? Not ESH member
7/10/2018	Hypertension Unit-Internal Medicine Udine	Leonardo Sechi	sechi@uniud.i	Italy	yes
6/15/2018	Centre Hospitalier Universitaire Ambroise Paré Mons	Philippe Delmotte	philippe.delmotte@hap.be	Belgium	no -no supporting letter, no CV
6/30/2017	Tsinamdzgvrishvili Cardiology Center	Tamar Abesadze	tamriko.abesadze@yahoo.com	Georgia	no -no supporting letter, no CV
3/15/2017	Hypertension Unit-Ziv Medical Center	Raymond Farah	raymond.f@ziv.health.gov.il	Israel	no - incomplete application
23/0/17	University Department of Internal Medicine, Hypertension Clinic Liestal	Thomas Dieterle	thomas.dieterle@ksbl.ch	Switzerland	no -no supporting letter, no CV
6/5/2015	Centre d'hypertension Artérielle	Mirian Dinic	mirianadinic@free.fr	France	no -no supporting letter

RE-ACCREDITATIONS

Date of Application	Name of Centre	Head of Centre	email	Country	Approved
4/6/2018	Hypertension Artérielle et Thérapeutique	Bernard Chamontin	chamontin.b@chu-toulouse.fr	France	Not participating in BP CON ESH
9/29/2017	Hypertension Centre of the University Hospital Basel	Thilo Burkard	thilo.burkard@usb.ch	Switzerland	Not participating in BP CON ESH
6/8/2017	Heart and Diabetes Center North Rhine-Westphalia	Dieter Horstkotte	dhorstkotte@hdz-nrw.de	Germany	Not participating in BP CON ESH
2/2/2016	Instituto de Investigaciones de Enfermedades Cardiovasculares de la Universidad del Zulia	Gustavo Calmon	guscalmon@aol.com	Venezuela	Yes
12/18/2015	Hypertension Unit, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece	Costas Tsioufis	ktsioufis@gmail.com	Greece	Yes
6/27/2015	Service of Nephrology and Hypertension, CHUV Lausanne	Michel Burnier	michel.burnier@chuv.ch	Switzerland	Not participating in BP CON ESH

BP CON ESH

101 center confirmed participation

Registration of the study in progress

Device delivering going on

Pilot study started

Enrolled 342

Hypertension Division of the Third Department of Internal Medicine, Aristotle University of Thessaloniki
Enrolled 2 Physician Areti Triantafyllou

Center for Hypertension, University of Zagreb, Zagreb
Enrolled 31 Physician Tamara Knežević

Hypertension Unit, 1st Department of Cardiology, University of Athens, Hippokration Hospital, Athens
Enrolled 33 Physician Niki Kakouri, Maria Kouemeti, Eleni Manta

Centre for Hypertension of the Clinical Centre of Serbia, Belgrade
Enrolled 19 Physician: Nenad Radivojevic, Vesna Stojanov

S. Luca Hospital, Istituto Auxologico Italiano, Milano
Enrolled :29 Physician: Martino Pengo

Hypertension Clinic, Department of Cardiology, KAT General Hospital, Athens
Enrolled: 101 Physician: Charalampos Grassos,

Cardiology Dept. of Heraklion University Hospital, Heraklion
Enrolled :20 Physician : Maria Marketou

Hypertension Clinic, University Hospital Laiko, Athens
Enrolled 11 Physician Dimitrios Papadopoulos

Hypertension Center, Department of Nephrology, University Hospital of Ioannina
Enrolled 45 Physician : Rigas Kalaitzidis

•Hypertension Clinic, Cardiology Department, Asklepeion Hospital, Athens
Enrolled 4 Physician: Manolis Kallistratos

Hypertension Unit, Department of Internal Medicine, University Hospital of Heraklion
Enrolled 42 Physician Ioannis Papadakis

Enrolled Hypertension Unit, 2nd Department of Cardiology, Medical School University of Athens, ATTIKON Hospital, Athens
Enrolled 8 Physician Efthymia Varytimiadi

11. ESH WORKING GROUPS

(G. Parati)

a. ELECTION OF WG HYPERTENSION AND THE KIDNEY

12. RULES FOR THE ENDORSEMENT OF THE PRE- AND POST- ESH SATELLITE SYMPOSIA AND INDUSTRY SUPPORTED SYMPOSIA

(T. Kahan)

13. ESH RESEARCH PROJECTS

- a. ESH BP CONTROL STUDY (B. Jelakovic)*
- b. MASTER STUDY (G. Parati)*
- c. ESH APP PILOT STUDY (K. Tsioufis)*
- d. ESH EMERGENCY BP STUDY (K. Tsioufis)*
- e. Questionnaire and COST Action in Children and Adolescents (E. Lurbe)*

13. ESH RESEARCH PROJECTS



ESH European Society of Hypertension

6th Official pre-ESH Congress
Satellite Symposium

UPDATE ON

**DIFFICULT TO CONTROL
HYPERTENSION
& RELATED
COMORBIDITIES**

Hellenic Society of Hypertension
ESH Working Group
Interventional treatment
of Hypertension

University of Athens
School of Medicine

Hellenic Cardiological Society
Working Group
Arterial Hypertension

29-30 MARCH 2019
Benaki Museum Amphitheater
138 Piraeus Street, **ATHENS**

Saturday, March 30, 2019

- 18.00-20.30 **SESSION DEDICATED TO ESH RESEARCH PROJECTS:**
Connecting the dots between ESH Working Groups and ESH Excellence Centres research activities
- 18.00-18.03 Brief introduction
C. Tsioufis (GR)
- 1st ESH RESEARCH PROJECT: BLOOD PRESSURE CONTROL IN EUROPE**
Chairmen: G. Mancia (IT), E. Agabiti-Rosei (IT), B. Jelakovicz (HR), C. Tsioufis (GR)
- 18.04-18.10 Current status
B. Jelakovic (HR)
- 18.11-18.16 The Greek experience
A. Triantafyllou (GR)
- 18.17-19.00 Discussion: **All the leaders of the ESH WGs and the ESH Excellence Centres****
- 2nd ESH RESEARCH PROJECT: EMERGENCY HYPERTENSION**
Chairmen: M. Azizi (FR), K. Narkiewicz (PL), C. Tsioufis (GR)
- 19.00-19.06 Emergency hypertension. What are the missing data?
M.L. Muiesan (IT)
- 19.07-19.13 The French experience
R. Boulestreau (FR), M. Azizi (FR)
- 19.14-19.20 The Greek experience
K. Dimitriadis (GR), C. Fragoulis (GR)
- 19.21-19.50 Discussion: **All the leaders of the ESH WGs and the ESH Excellence Centres****
- 3rd ESH RESEARCH PROJECT: ESH APP**
Chairmen: R. Kreutz (DE), G. Parati (IT), C. Tsioufis (GR)
- 19.51-19.57 Current status
G. Parati (IT)
- 19.58-20.08 The Greek experience
D. Konstantinidis (GR), D. Soulis (GR), T. Papaioanou (GR)
- 20.09-20.30 Discussion: **All the leaders of the ESH WGs and the ESH Excellence Centres****



**European
Society of
Hypertension**

Working Group on Blood Pressure in Children and Adolescents

Empar Lurbe, MD, PhD, FAHA

Working Group Activities 2018

- ✓ February 2018 – International Congress of Hypertension in Children and Adolescents, Valencia, Spain
- ✓ April 2018 – Publication of Editorial on the ESH/AAP Guidelines in Journal of Hypertension (published)
- ✓ April 2018 – Submission of the COST proposal to the European Commission (pending)
- ✓ Hypertension in children and adolescents (Springer Book) (completed)

2016 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPROVING THE KNOWLEDGE OF ITS IMPLEMENTATION ACROSS EUROPE

General Information

- Country

- Units in your country with expertise in managing Hypertension in pediatric age.

- The number of Excellence Centers devoted to Pediatric Hypertension.

- In the Annual Meeting of the Society are there sessions dedicated to HTN in pediatric age?

YES	NO
-----	----

- If YES, are sessions yearly scheduled?

YES	NO
-----	----

- Are pediatricians members of the National Society of Hypertension?

YES	NO
-----	----

2016 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPROVING THE KNOWLEDGE OF ITS IMPLEMENTATION ACROSS EUROPE

Blood pressure measurements

- Is screening performed systematically in children as a routine health care?

YES	NO
-----	----

- From what age is screening performed?

--

- How many measurements of BP are performed at a single visit and how is the BP value calculated for this visit?

Number of Measurements	
BP Calculation	

- Who performs the screening?

Pediatricians	Family doctors	Nurses
---------------	----------------	--------

2016 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPROVING THE KNOWLEDGE OF ITS IMPLEMENTATION ACROSS EUROPE

- Once a diagnosis of HTN has been made, are children then referred to a reference unit?

YES	NO
-----	----

- What devices are used for measuring office BP?

--

- What Guidelines are followed?

ESH	
National Guidelines	
Other	

- In your country are data about prevalence of HTN

YES	NO
-----	----

- If yes, the prevalence of HTN is

HTN	<1%	<5%	6-10%	>10%
-----	-----	-----	-------	------

2016 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPROVING THE KNOWLEDGE OF ITS IMPLEMENTATION ACROSS EUROPE

Out of office and central BP measurements

- Is ABPM regularly used in pediatric hypertension?

YES	NO
-----	----

- Is home BP used for assessment of BP in children?

YES	NO
-----	----

- Is central BP regularly used in pediatric age?

YES	NO
-----	----

2016 EUROPEAN SOCIETY OF HYPERTENSION GUIDELINES IN CHILDREN AND ADOLESCENTS: IMPROVING THE KNOWLEDGE OF ITS IMPLEMENTATION ACROSS EUROPE

Final questions

- Are physicians in your country interested in participating in the activities of the ESH working Group in Children and Adolescents?

YES	NO
-----	----

- If yes contact the Secretary of ESH Robyn Lynnch

- Additional comments and suggestions:

Planned Activities for the Future of the Working Group

- ✓ 2016 ESH: Guidelines in children and adolescents: Improving the knowledge of its implementation across Europe.
 - ✓ General information
 - ✓ Blood pressure measurements
 - ✓ Out of office and central BP measurements
 - ✓ Final questions
- ✓ April 2018 – Submission of the COST proposal to the European Commission



**European
Society of
Hypertension**

Working Group on Blood Pressure in Children and Adolescents

**2016 ESH Guidelines in Children and Adolescents:
Improving the knowledge of its implementation across Europe
(November 2018 - February 2019)**

Empar Lurbe, MD, PhD, FAHA

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Questionnaire was sent out to 38 countries:

25 countries replied

2 out of these 2 countries can't be considered (the questionnaire back without any information,

Romania said they have no information regarding the topic)

A total of 23 questionnaires can be taken into account

The answer rate is 60,5%

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

HTN pediatric units: 20 countries state they have pediatric units

Excellence Centres: 9 countries state to have Excellence Centres

Annual Meetings with pediatric session:

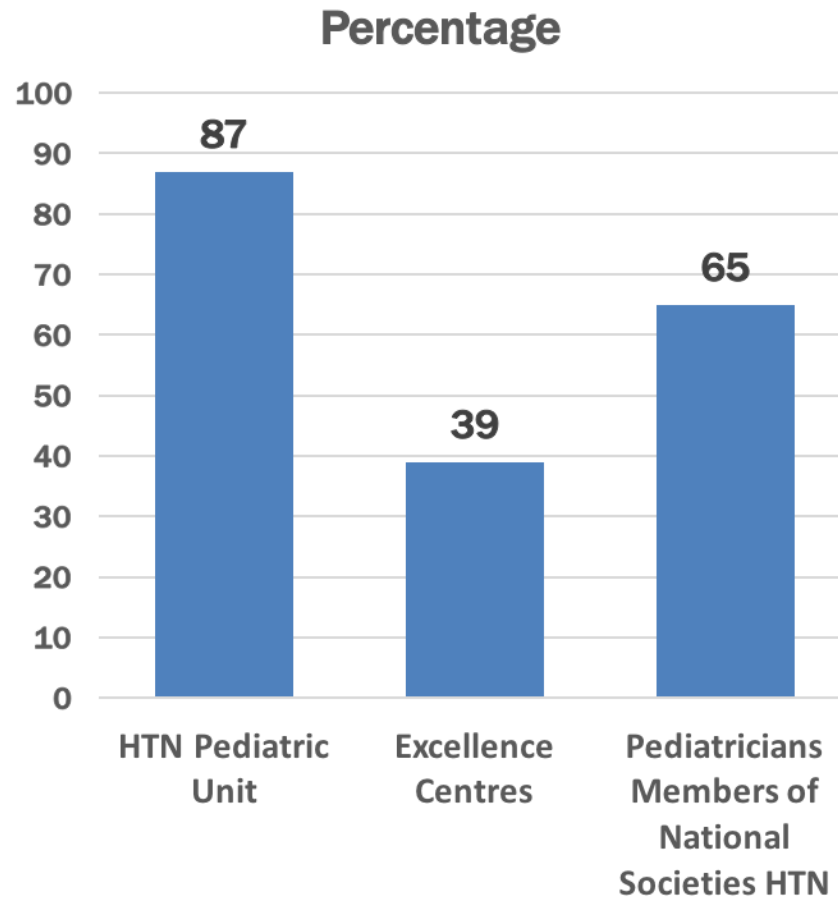
6 countries have no annual meeting

7 countries have annual meetings

10 countries have special meetings but not annually scheduled.

Pediatricians members of National Society of HTN: 15 countries

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe



2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Systematic BP screening: 17 countries affirm to perform Systematic BP screening (*only 22 replies*)

Screening age

3 and 4 years: 8 countries

5 and 6 years: 5 countries

7 years: 3 countries

Not answered: 7 countries



2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Number of measurements at a single visit:

1 measurement: 5 countries

2 measurements: 2 countries

3 measurements: 10 countries

1-3 measurements: 4 countries

2-3 measurements: 1 country

Not answered: 1 country

BP Calculation

Mean: 11 countries

Lowest value: 3 countries

Not answered: 9 countries



2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Who performs the screening:

Pediatricians: 11 countries

Pediatricians and Family doctors: 4 countries

Pediatricians, Nurses and Family doctors: 4 countries

Family doctors: 2 countries

Nurses: 1 country

Not answered: 1 country

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Children with HTN referred to a reference unit:

YES: 18 countries

NO: 3 countries

Not answered: 2 countries

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Devices used for measuring office BP

Auscultatory: 7 countries

Oscillometric: 12 countries

Others: 4 countries

Some countries use a mixture of devices, some do not specify it enough

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Use of Guidelines

ESH: 10 countries

National Guidelines: 6 countries

ESH and National Guidelines: 3 countries

ESH and AAP: 3 countries

Not answered: 1 country

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

ABPM used in pediatric hypertension

YES: **17** countries

NO: 6 countries

Home BP used for assessment of BP in children

YES: **14** countries

NO: 8 countries

Not answered: **1** country

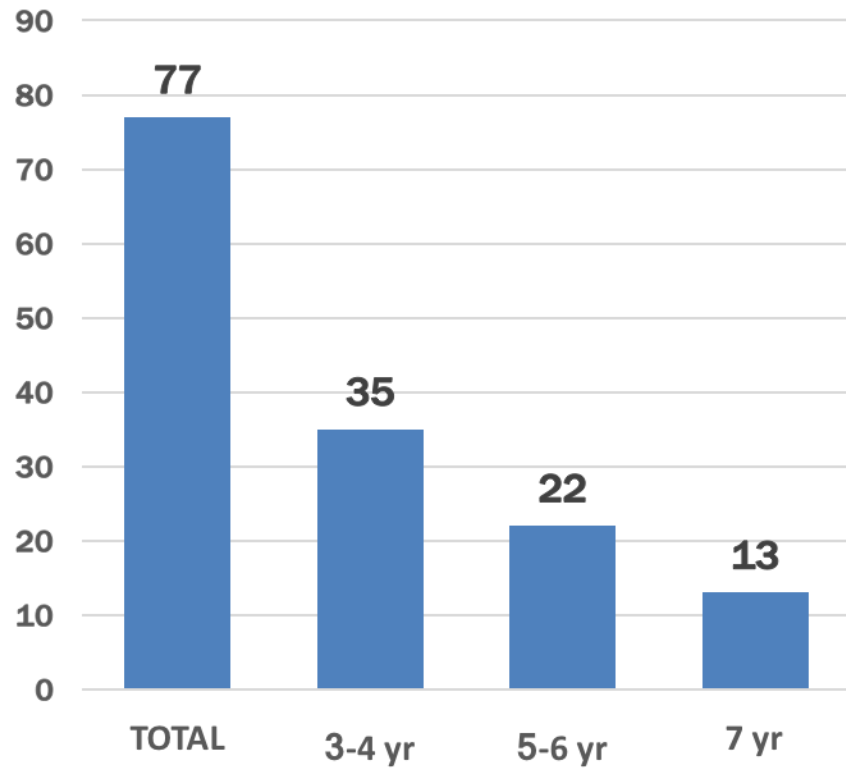
Central BP used in pediatric age

YES: **1** country

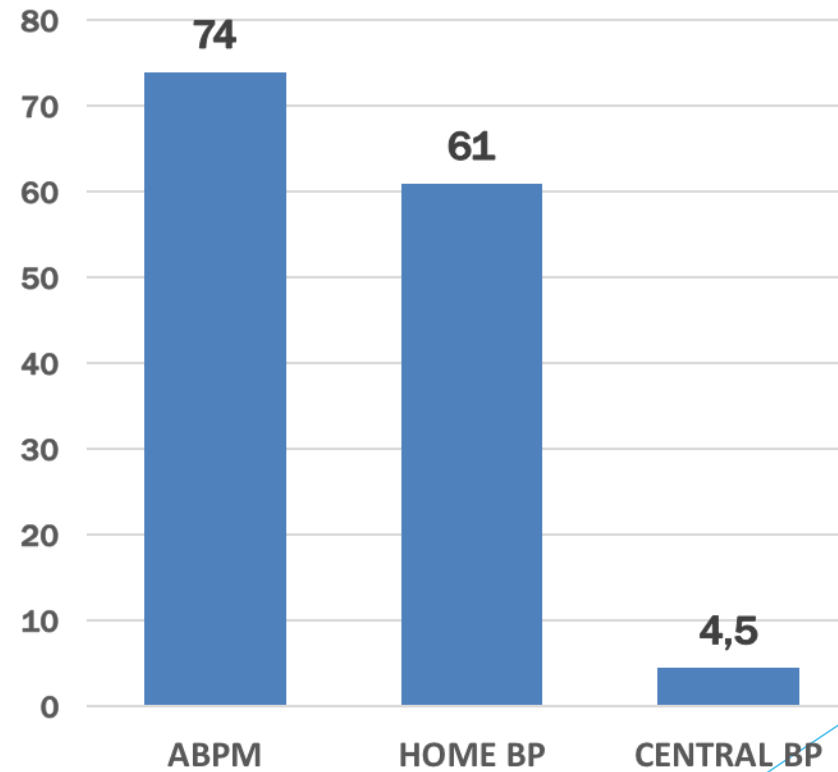
NO: 22 countries

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Screening and age to start
(Percentage)



BP Measurements other than
Office BP (Percentage)



2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

**Data about prevalence of HTN, If yes,
what is it?**

YES, HTN >10%: 5 countries

YES, HTN: 6-10%: 4 countries

YES, HTN <5%: 7 countries

NO: 7 countries

2016 ESH Guidelines in Children and Adolescents: Improving the knowledge of its implementation across Europe

Physicians interested in the activities of the ESH working Group

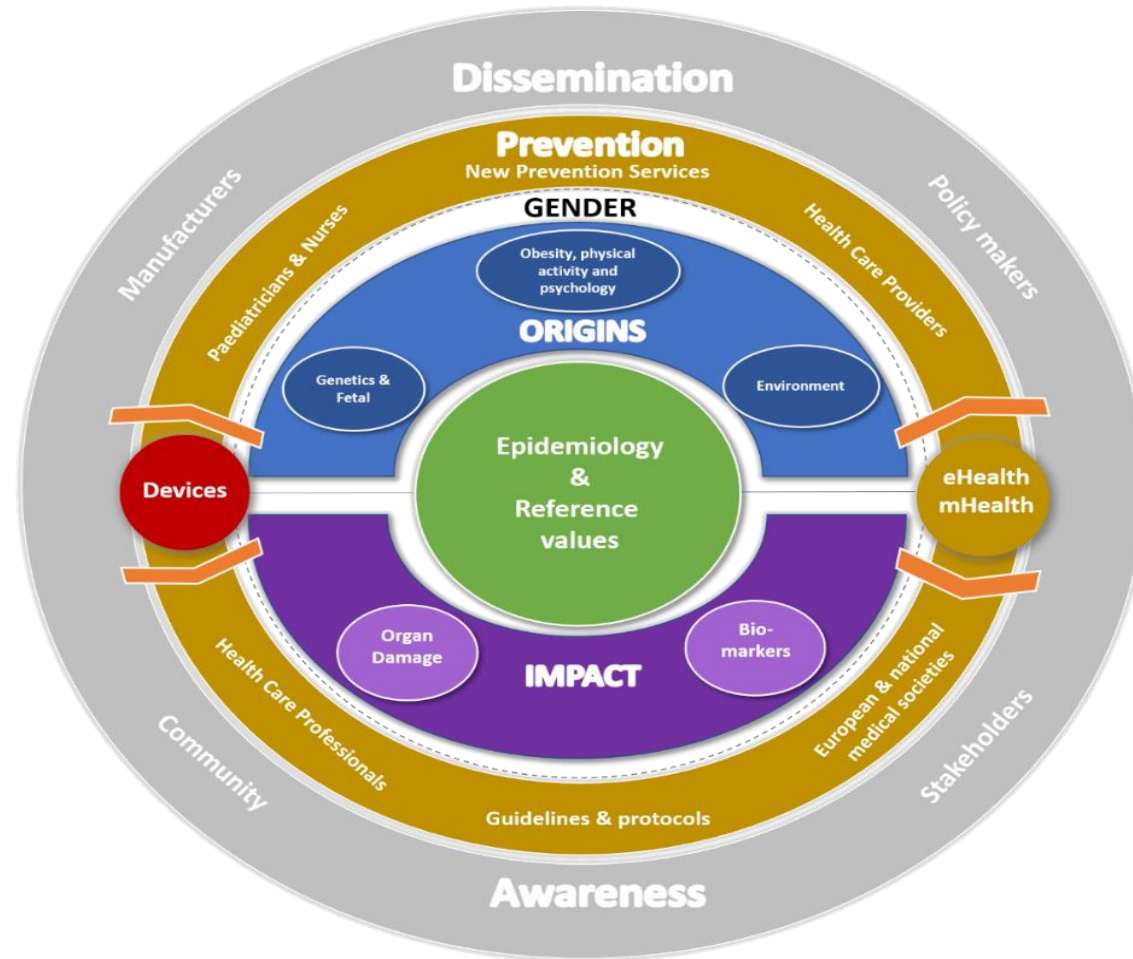
YES: 18 countries

NO: 3 countries

Not answered: 2 countries

Planned Activities for the Future of the Working Group (I)

Advance with the network for research in blood pressure values in children (COST)



Scores
Achieved 50
Funded up 56

CONSENSUS EVALUATION REPORT

GENERAL OVERVIEW

Open Call Collection *OC-2018-1*
Proposal Reference *OC-2018-1-22722*
Proposal Title *Network for blood pressure research in children and adolescents*
Proposal Acronym *HyperChildNET*
Review Panel *RP1 Biomedical Networks for a Healthier Population: from Prevention to Treatment*
Evaluation Status *Final*

EVALUATION

SUMMARY TABLE

S&T EXCELLENCE					IMPACT				IMPLEMENTATION				Marks
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Total
4	3	5	4	3	4	3	5	3	4	3	5	4	50

15. ESH NEWSLETTERS FOR 2019

(P. Van de Borne)

NEWSLETTER No. 1 2019

Cardiovascular and renal protection with novel antidiabetic agents beyond blood glucose lowering in type 2 diabetes

Short title: Newsletter for new treatment in obesity induced diabetes

Authors: Vasilios KOTISIS, Jens, JORDAN, Guido GRASSI, Markus SCHLAICH, Peter M. NILSSON

NEWSLETTER No. 2 2019

Cardiovascular risk in ethnic minorities and disadvantaged populations in Europe

Authors: Pietro Amedeo MODESTI, Gianfranco PARATI

On behalf of the Working Group on Hypertension and Cardiovascular Risk Assessment in Subjects Living in or Emigrating from Low Resource Settings

15. ESH NEWSLETTERS FOR 2019

(P. Van de Borne)

NEWSLETTER No. 3 2019

Highlights of the 2016 European Society of Hypertension Guidelines for the Management of High Blood Pressure in Children and Adolescents

Authors: Empar LURBE, Elke WUHL, Stella STABOULI, Asle HIRTH, Mieczyslaw LITWIN, Denes PALL, Tomas SEEMAN

On behalf of the Working Group of the 2016 European Society of Hypertension Guidelines for the Management of High Blood Pressure in Children and Adolescents

16. ESH ENDORSEMENT (Books, Meetings)

(P. Van de Borne)

Dear Prof. Parati,

*It is with great pleasure I confirm on behalf of the European Society of Hypertension, endorsement by the Society of the **4th Clinical Update Sleep™ «Auxosleep Workshop»**, May 18, 2019 in Milan (Italy).*

Dear Prof. Lurbe,

*It is with great pleasure I confirm on behalf of the European Society of Hypertension, endorsement by the Society of the **ICHCA – The 2nd International Congress of Hypertension in Children and Adolescents**, May 24-26, 2019, Warsaw (Poland).*

17. ESH HYPERTENSION SPECIALISTS

(M. Azizi, A. Januszewicz)

18. CORRESPONDENCE

- a. PRESIDENTS OF NATIONAL SOCIETIES (D. Lovic)*
- b. OTHER CORRESPONDENCE*

18. CORRESPONDENCE

b. OTHER CORRESPONDENCE

- *Invitation of collaboration from President of Tunisian Society of Cardiology & Cardiac Surgery (STCCCV)*
- *50% of Tunisians suffer from hypertension*
- *Starting new registry on hypertension in March – 10,000 patients will be enrolled to assess:*
 - *hypertension level control*
 - *cardiovascular profile*
 - *alignment with international guidelines*

19. DATES FOR FUTURE COUNCIL MEETINGS

(K. Tsioufis)

- a. 21 June 2019 (Milan, Italy)*
- b. 26 October 2019 (TBC)*

20. CLOSURE OF THE MEETING

(K. Tsioufis)