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Međunarodni apel: Znanstvenici pozivaju na zaštitu od izloženosti neionizirajućim elektromagnetskim poljima

Mi smo znanstvenici koji vrše istraživanja bioloških i zdravstvenih utjecaja neionizirajućih elektromagnetskih polja (EMF). Na osnovu recenziranih, objavljenih istraživanja, ozbiljno smo zabrinuti sveprisutnom i povećanom izloženosti EMP koja generiraju električni, bežični uređaji.

To uključuje- ali ne ograničava se na- uređaje koji emitiraju radiofrekvencijsko zračenje (RFR) kao što su mobilni i bežični telefoni i njihove bazne stanice, Wi-Fi, odašiljačke antene, pametna brojila, monitori za bebe, kao i električni uređaji i infrastruktura koja se koristi za isporuku električne energije koja generira elektromagnetska polja vrlo niskih frekvencija (ELF EMF).

Znanstvena osnova za našu zajedničku zabrinutost

Brojni novoobjavljeni znanstveni radovi pokazuju da EMP utječu na žive organizme na razinama znatno nižim od međunarodnih i nacionalnih smjernica. Posljedice uključuju rizik za rak, stanični stres, porast štetnih slobodnih radikala, genetska oštećenja, strukturalne i funkcionalne promjene reproduktivnog sustava, poteškoće u učenju i pamćenju, neurološke poremećaje, te negativni utjecaj na opću dobrobit ljudi. Oštećenja idu znatno dalje od ljudske rase, jer raste broj dokaza za štetne utjecaje na biljni i životinjski svijet.

Ta otkrića opravdavaju naš apel Ujedinjenim narodima (UN) te svim državama svijeta, da ohrabre Svjetsku zdravstvenu organizaciju (WHO) na preuzimanje snažnog vodstva u razvoju EMF smjernica koje će osigurati bolju zaštitu, ohrabriti mjere predostrožnosti i educirati javnost o zdravstvenim rizicima posebice riziku za djecu te fetalni razvoj. Ne poduzimanjem akcije, WHO propušta ispuniti svoju ulogu najvažnije međunarodne javno zdravstvene agencije.

Neodgovarajuće međunarodne smjernice za neionizirajuća EMP

Različite agencije koje postavljaju sigurnosne standarde nisu uspjele nametnuti smjernice za dovoljnu zaštitu opće populacije, a posebno djece, koja su ranjivija na utjecaje EMP. Međunarodna komisija za zaštitu od neionizirajućeg zračenja (ICNIRP) uspostavila je 1998 g. “Smjernice za ograničavanje izloženosti vremenski promjenjivim električnim, magnetskim i elektromagnetskim poljima (do 300 GHz)”¹. Te su smjernice prihvatili WHO i brojne zemlje širom svijeta. WHO poziva sve zemlje na prihvaćanje ICNIRP smjernica, da bi potaknula međunarodno usklađivanje standarda. 2009 g. ICNIRP je objavio izjavu kojomsvoje smjernice iz 1998 g., s obzirom da, prema njihovom mišljenju, do tada objavljena znanstvena literatura “nije pružila dokaze bilo kakvih štetnih učinaka na razinama ispod osnovnih ograničenja i ne zahtijeva trenutno revidiranje njihovih smjernica za ograničavanje izloženosti visokofrekvencijskim elektromagnetskim poljima.”² ICNIRP nastavlja do danas iznositi ove tvrdnje, unatoč sve više suprotnih znanstvenih dokaza. Zbog toga što ICNIRP-ove smjernice ne pokrivaju dugotrajnu izloženost i učinke niskog intenziteta, one, po našem mišljenju, nisu dovoljne za zaštitu javnog zdravlja.

WHO je usvojila klasifikaciju Međunarodne agencije za istraživanje raka (IARC) nisko frekvencijskih elektromagnetskih polja (ELF EMF) iz 2002³ te radiofrekvencijskog zračenja (RFR) iz 2011.⁴ Ta klasifikacija navodi kako su ta EMF *moгуći karcinogen za ljude (Grupa 2B.)* Unatoč oba ova otkrića, IARC-a, WHO nastavlja zadržavati stav kako nema dovoljno dokaza koji bi opravdali spuštanje graničnih vrijednosti izloženosti.

S obzirom na nesuglasje o razlozima postavljanja standard da bi se izbjegli štetni zdravstveni učinci,, predlažemo da UN Program za okoliš (UNEP) sazove i financira nezavisnu multidisciplinarnu komisiju koja će istražiti alternative za i protiv trenutne prakse, te koja bi mogla bitno smanjiti izloženost ljudi RF i ELF poljima. Svoja razmatranja ta bi grupa trebala provoditi na transparentan i nepristran način. Iako je bitna uključenost i suradnja industrije, industriji se ne bi smjela doustiti pristranost u procesima i zaključcima grupe. Ta bi grupa trebala svoju analizu podnijeti UN-u i WHO, da bi usmjerili akciju predostrožnosti.

Zajednički mi također zahtijevamo da:

1. djeca i trudnice budu zaštićeni;
2. smjernice i regulatorni standardi budu ojačani;
3. proizvođači budu poticani na razvijanje sigurnije tehnologije;
4. komunalne službe odgovorne za proizvodnju, prijenos, distribuciju i nadzor električne energije, održavaju odgovarajuću kvalitetu električne energije i osiguravaju odgovarajuće električno ožičenje kako bi se smanjila štetna struja uzemljenja;

¹ <http://www.icnirp.org/cms/upload/publications/ICNIRPemfgdl.pdf>

² <http://www.icnirp.org/cms/upload/publications/ICNIRPStatementEMF.pdf>

³ <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono80.pdf>

⁴ <https://monographs.iarc.fr/wp-content/uploads/2018/06/mono102.pdf>

5. da javnost bude potpuno informirana o potencijalnim zdravstvenim rizicima od elektromagnetske energije i educirana o strategijama smanjenja štetnih učinaka;
6. da medicinski djelatnici budu educirani o biološkim učincima elektromagnetske energije i obuka o liječenju bolesnika s elektromagnetskom osjetljivošću ;
7. da vlade financiraju istraživanja elektromagnetskih polja i zdravlja neovisna o industriji, te obavežu industriju na suradnju s istraživačima;
8. da kod navođenja mišljenja stručnjaka u pogledu zdravstvenih i sigurnosnih aspekata tehnologija koje emitiraju elektromagnetska polja, mediji otkrivaju i njihove financijske odnose s industrijom ; i
9. da se uspostave bijele-zone (područja bez zračenja).

Datum inicijalne objave : Svibanj 11, 2015

Datum ove verzije: Lipanj 15, 2019

Za pitanja, uključujući i ona kvalificiranih znanstvenika, koji traže da se njihovo ime doda Apelu, može se kontaktirati Elizabeth Kelley, M.A., Director, EMFscientist.org, na info@EMFscientist.org.

Opaska: potpisnici ovog apela potpisali su ga kao pojedinci, navodeći svoju profesionalnu pripadnost, ali to nužno ne znači da predstavlja i stajališta njihovih poslodavaca ili profesionalnih organizacija s kojima su povezani..

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