

Pediatric Data for IXIARO® Japanese Encephalitis Vaccine, Inactivated, Adsorbed

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IXIARO Clinical Trials for Pediatric Licensure



| Study | Design | Number of Subjects |
|--|---|--------------------|
| IC51-221: Dose-Confirmation in Toddlers Aged 1 to <3 Years; India ¹ | Randomized, Controlled, Open-Label Trial, comparing IXIARO to Korean Green Cross JE vaccine | 60 |
| IC51-322: IXIARO in Traveling Children Aged 2 Months to <18 Years; EU, US and Australia ² | Single-Arm, Open-Label Trial | 60 |
| IC51-323: Pivotal Pediatric Trial in Children Aged 2 Months to <18 Years; The Philippines (JEV Endemic Region) ³ | Randomized, Controlled, Open-Label Trial, comparing IXIARO to Havrix [®] 720 and Prevnar7 [®] | 1,867 |

1. Kaltenboeck et al. Immunogenicity and safety of IXIARO (IC51) in a Phase II study in healthy Indian children between 1 and 3 years of age. Vaccine 2010;28:834-9
2. Dubischar-Kastner et al. Interim Safety and Immunogenicity Data for the Inactivated Japanese Encephalitis Vaccine IXIARO®, IC51, in Children from JE non-endemic countries. Presented at the 4th Northern European Conference on Travel Medicine, June 2012, Abstract P.9. Abstract available at <http://necm.com/wp-content/uploads/BookofAbstracts.pdf>
3. Dubischar-Kastner et al. Safety and Immunogenicity of the Inactivated Japanese Encephalitis Vaccine IXIARO®, IC51, in Filipino Children aged 2 months to <18 years. Presented at the 4th Northern European Conference on Travel Medicine, June 2012, Abstract P.9. Abstract available at <http://necm.com/wp-content/uploads/BookofAbstracts.pdf>



Dose-Confirmation in Toddlers

Study Design for Trial IC51-221

| | |
|-------------------|--|
| Objectives | Dose-confirmation in Age Group ≥ 1 to <3 Years |
| Study Population | 60 Healthy Toddlers |
| Design | Randomized Controlled Trial, Open-Label |
| Treatment Groups | IXIARO 0.25 mL, i.m. on Days 0 and 28; N = 24 IXIARO 0.5 mL, i.m. on Days 0 and 28; N = 24 0.5 mL JenceVac™ (Mouse-brain derived JE vaccine (virus strain Nakayama) produced by Korean Green Cross), s.c., on Days 0, 7 and 28; N = 12 |
| Follow-up | 28 Days After Last Dose (Day 56) |
| Countries / Sites | 1 Center in India (Bangalore) |
| Endpoints | Primary Endpoint: Seroprotection Rate at Day 56 Geometric Mean Titer for JEV Neutralizing Antibodies at Day 56 Unsolicited Adverse Events Until Day 56 Solicited Adverse Events 7 Days After Each Dose |



Dose-Confirmation in Toddlers

Immunogenicity of IXIARO 0.25 mL / 0.5 mL and Comparator JE Vaccine

Seroprotection Rate at Screening, Day 28 and Day 56, Per Protocol Population

» SPR at Day 56 showed **no significant differences between groups**

| | IXIARO 0.25 mL % (n/N) | IXIARO 0.5 mL % (n/N) | JenceVac % (n/N) |
|--------|---------------------------|--------------------------|---------------------|
| Day 0 | 4.3 (1/23) | 4.8 (1/21) | 0 |
| Day 28 | 65.2 (15/23) | 71.4 (15/21) | 63.6 (7/11) |
| Day 56 | 95.7 (22/23) | 95.2% (20/21) | 90.9% (10/11) |

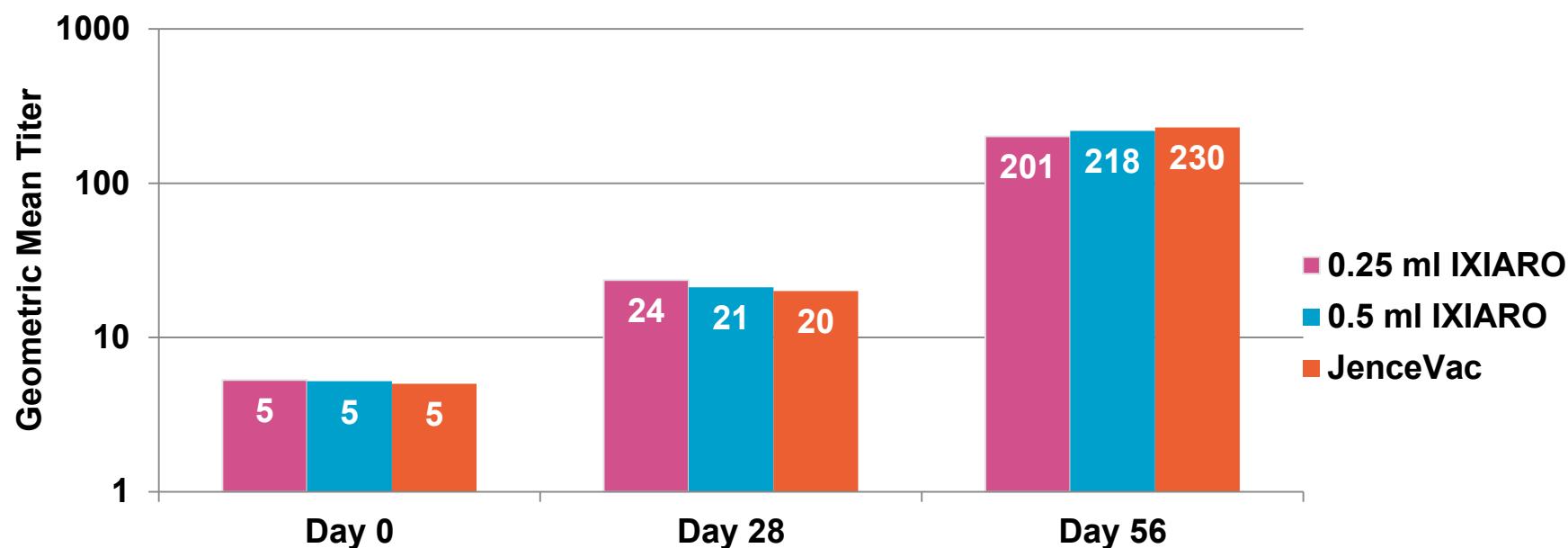


Dose-Confirmation in Toddlers

Immunogenicity of IXIARO 0.25 mL / 0.5 mL and Comparator JE Vaccine

Geometric Mean Titer at Screening, Day 28 and Day 56, Per Protocol Population

- › GMT at Day 56 showed **no significant differences between groups**





Dose-Confirmation in Toddlers:

Adverse Events after IXIARO 0.25 mL / 0.5 mL and Comparator JE Vaccine

Adverse Events up to Day 56, Including Solicited AE for 7 Days After Vaccination

- › **No significant differences in AE rates between groups**
- › No Serious Adverse Events were reported
- › All Adverse Events were mild in nature

| | IXIARO 0.25 mL N=24 n (%) | IXIARO 0.5 mL N=24 n (%) | JenceVac N=12 n (%) |
|-------------------------------|------------------------------|-----------------------------|------------------------|
| Subjects with at least one AE | 3 (12.5) | 5 (20.8) | 4 (33.3) |
| Fever | 0 (0.0) | 1 (4.2) | 1 (8.3) |
| Injection Site Tenderness | 2 (8.2) | 3 (12.5) | 3 (25.0) |
| Skin Lesion | 1 (4.2) | 0 (0.0) | 0 (0.0) |
| Skin Rash | 0 (0.0) | 1 (4.2) | 0 (0.0) |



IXIARO Phase III Pediatric Trial in Traveling Children

Study Design for Trial IC51-322

| | |
|-------------------|---|
| Objectives | Safety and Immunogenicity of IXIARO in a JEV Naïve, Pediatric Traveler's Population |
| Study Population | 60 Children / Adolescents, Age Group ≥ 2 Months to < 18 Years |
| Design | Open-label, Single-arm Trial – Interim Analysis |
| Treatment Groups | IXIARO 0.25 mL, i.m. on Days 0 and 28; < 3 Years of Age, N = 5 IXIARO 0.5 mL, i.m. on Days 0 and 28; 3 to < 18 Years of Age, N = 55 |
| Follow-up | Day 56 and Month 7 for Immunogenicity and Safety |
| Countries / Sites | 15 Study Sites in Australia, Germany, USA, Denmark, Sweden |
| Endpoints | Primary Endpoint: Rate of SAE / Medically-attended AEs until Day 56 Immunogenicity (SPR/GMT) at Day 56 and Month 7 Unsolicited Adverse Events until Day 56 and Month 7 Solicited Adverse Events 7 Days After Each Dose |



IXIARO in Traveling Children:

Seroprotection Rates after IXIARO 0.25 and 0.5 mL

Seroprotection Rate at Screening, Day 56 and Month 7 (Intent-to-Treat Population)

- › Both dose levels led to protective titers in 100% of subjects by 4 weeks after the second dose

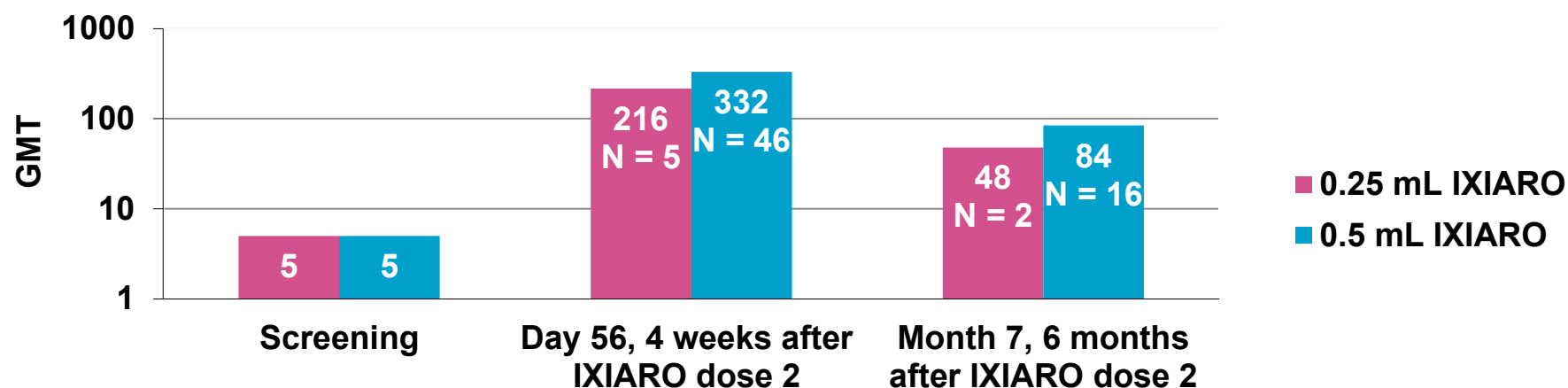
| | IXIARO 0.25 mL % (n/N) | IXIARO 0.5 mL % (n/N) |
|-----------|---------------------------|--------------------------|
| Screening | 0 (0/5) | 0 (0/49) |
| Day 56 | 100 (5/5) | 100 (46/46) |
| Month 7 | 100 (2/2) | 100 (16/16) |



IXIARO in Traveling Children:

Neutralizing Antibody Titers after IXIARO 0.25 and 0.5 mL

Geometric Mean Titer, at Screening, Day 56 and Month 7, Intent-to-Treat Population



Geometric Mean Titer for Neutralizing Antibodies determined by 50% Plaque Reduction Neutralization Test (PRNT₅₀)



IXIARO in Traveling Children:

Overview of AE Rates to Day 56 after IXIARO 0.25 and 0.5 mL

Safety Analysis Based on 60 Subjects with at Least One Dose of Vaccine

- › Overall, 53 subjects followed for at least 4 weeks after dose 2
- › Mean age: 12.5 years (10 months - 17 years)

| Rate of Subjects with | IXIARO 0.25 mL N=5 n (%) | IXIARO 0.5 mL N=55 n (%) | Total N=60 n (%) |
|--|--------------------------------|--------------------------------|------------------------|
| Primary Endpoint: Any SAE/Medically Attended AE | 1 (20.0) | 2 (3.6) | 3 (5.0) |
| Any Solicited or Unsolicited AE | 3 (60.0) | 37 (67.3) | 40 (66.7) |
| Any Medically Attended AEs | 1 (20.0) | 2 (3.6) | 3 (5.0) |
| Any Serious AEs (SAEs) | 0 | 0 | 0 |



IXIARO in Traveling Children:

Solicited Adverse Reactions within 7 Days after 0.25 mL IXIARO

Local and Systemic Reactions with 0.25 mL IXIARO (Children Aged <3 Years)

| Reaction | Post Dose 1 % (n/N) | Post Dose 2 % (n/N) |
|-----------------------------|------------------------|------------------------|
| Any Injection Site Reaction | 20% (1/5) | 40% (2/5) |
| Redness | 20% (1/5) | 20% (1/5) |
| Hardening | 20% (1/5) | 20% (1/5) |
| Any Systemic Reaction | 20% (1/5) | 20% (1/5) |
| Diarrhea | 20% (1/5) | 20% (1/5) |



IXIARO in Traveling Children:

Solicited Local Reactions within 7 Days after 0.5 mL IXIARO

Local Reactions with 0.5 mL IXIARO (Children Aged ≥ 3 Years)

| Reaction | Post Dose 1 (N=55) | Post Dose 2 (N=49) |
|-----------------------------|-----------------------|-----------------------|
| Any Injection Site Reaction | 40% | 27% |
| Tenderness | 31% | 25% |
| Pain | 18% | 16% |
| Itching | 4% | 2% |
| Redness | 6% | 0 |
| Hardening | 0 | 2% |
| Swelling | 0 | 0 |



IXIARO in Traveling Children:

Solicited Systemic Reactions within 7 Days after 0.5 mL IXIARO

Systemic Reactions with 0.5 mL IXIARO (Children Aged ≥ 3 Years)

| Reaction | Post Dose 1 (N=55) | Post Dose 2 (N=49) |
|-----------------------------------|-----------------------|-----------------------|
| Any Systemic Reaction | 42% | 16% |
| Muscle pain | 27% | 2% |
| Excessive fatigue | 13% | 0 |
| Fever $\geq 37.7^{\circ}\text{C}$ | 6% | 2% |
| 38.7-39.3 $^{\circ}\text{C}$ | 2% | 0 |
| Headache | 2% | 4% |
| Rash | 2% | 2% |
| Nausea | 2% | 2% |
| Diarrhea | 2% | 0 |
| Loss of appetite | 2% | 0 |
| Vomiting | 0 | 2% |
| Irritability | 0 | 6% |



IXIARO in Traveling Children: Summary and Conclusions

» **IXIARO was immunogenic, providing protective antibody titers in both dose groups:**

- › All 51 subjects developed titers above the level of protection (SPR at Day 56: 100%)
- › GMT at Day 56 of 216 with the 0.25 mL and 332 with the 0.5 mL dose
- › At Month 7, for 18 subjects in this interim analysis, titers declined but remained at protective levels

» **IXIARO was generally well tolerated in both dose groups**, with an overall AE profile comparable with adult data for rates of solicited local AE and solicited systemic AE, and lower rates for unsolicited AE.



IXIARO Phase III Pediatric Trial in Endemic Region

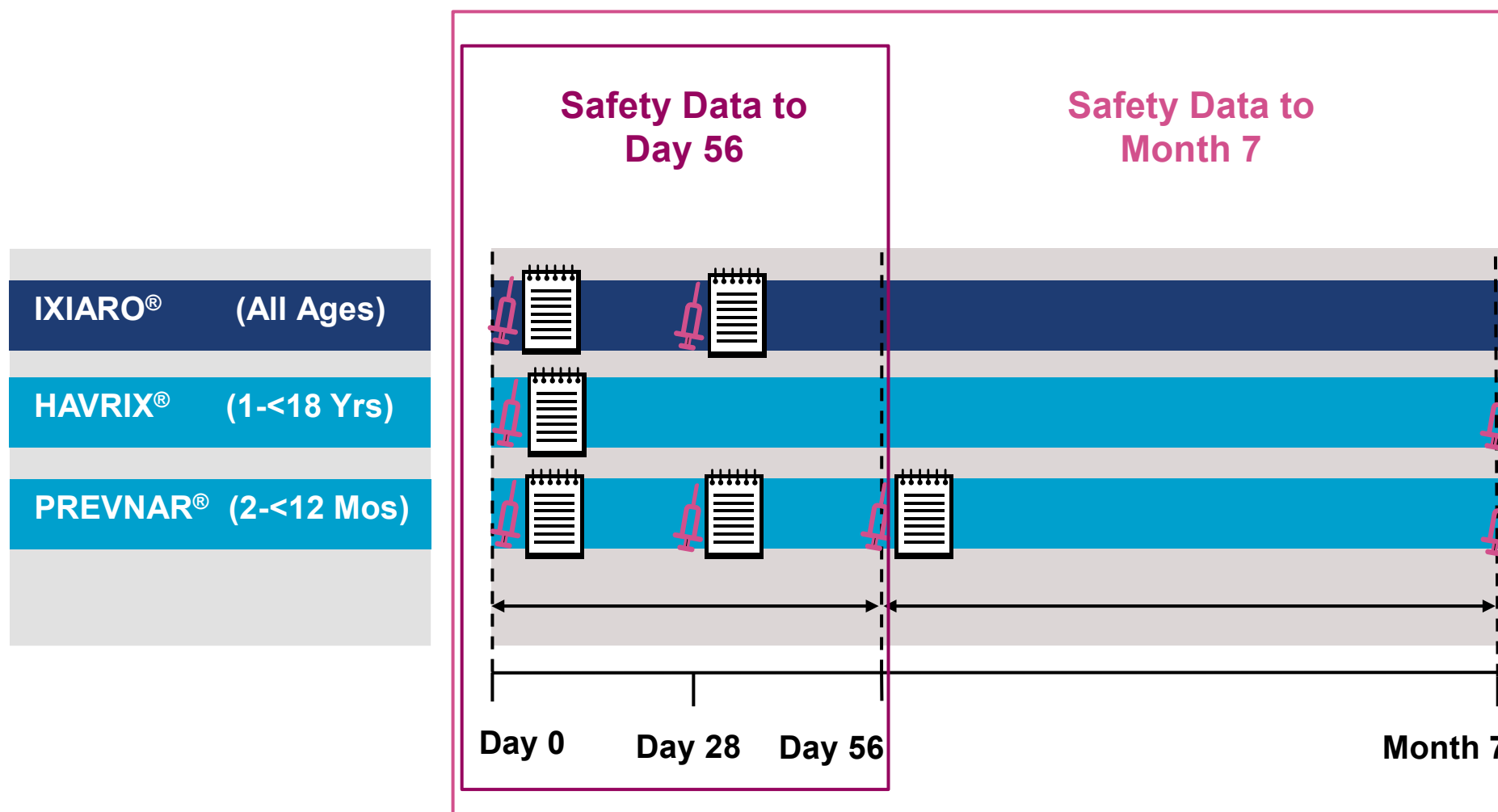
Study Design for Trial IC51-323

| | |
|-------------------|--|
| Objectives | Safety, Immunogenicity and Dose-confirmation in a JEV Endemic Population |
| Study Population | 1,869 Children / Adolescents; Age Groups ≥ 2 Months to < 18 Years |
| Design | Open-label, Randomized, Active-controlled Trial |
| Treatment Groups | IXIARO 0.5 mL, i.m. on Days 0 and 28; N = 540 IXIARO 0.25 mL, i.m. on Days 0 and 28; N = 871 Prevnam [®] 7, 0.5 mL, i.m. on Days 0, (28*), 56 and 3rd/4th dose after study; N = 64 HAVRIX [®] 720 0.5 mL, i.m. on Days 0 and Month 7; N = 394 |
| Follow-up | Day 56 and Month 7 for Immunogenicity and Safety |
| Countries / Sites | 3 Study Sites in the Philippines |
| Endpoints | Primary Endpoint: Rate of SAE / Medically-attended AEs until Day 56 Immunogenicity (SPR/GMT/fold-increase Rates) at Day 56 and Month 7 Influence of pre-existing JEV and Dengue Antibodies Unsolicited Adverse Events until Day 56 and Month 7 Solicited Adverse Events 7 Days After Each Dose |

Prevnam[®]: 7-valent Pneumococcal Conjugate Vaccine, Wyeth/Pfizer. * Additional dose for 15 children in the Prevnam group aged < 6 months at screening
Havrix[®]720: inactivated Hepatitis A Virus Vaccine, pediatric formulation, GSK

Pediatric Trial in Endemic Region: Study Scheme

Vaccine Administration and Safety Data Collection (Diaries)





Pediatric Trial in Endemic Region: Age Distribution of Study Population

| Age Group | IXIARO 0.25 mL N=871 | IXIARO 0.5 mL N=540 | Prevnar N=64 | Havrix N=394 |
|--------------------------|----------------------------|---------------------------|-----------------|-----------------|
| 2 Months - <1 year | 131 | - | 64 | - |
| 1 - <3 years | 640 | - | - | 213 |
| 3 - <12 years | 100 | 300 | - | 101 |
| 12 - <18 years | - | 240 | - | 80 |
| Treatment Group Mean Age | 2.4 | 10.6 | 0.7 | 6.0 |



Pediatric Trial in Endemic Region: Seroprotection after IXIARO

Seroprotection Rate (SPR) by Dose, Intent-to-Treat Population

SPR: Proportion of subjects with a neutralizing antibody titer $\geq 1:10$ by PRNT₅₀

| | IXIARO 0.25 mL % (n/N) | IXIARO 0.5 mL % (n/N) |
|-----------------------------------|---------------------------|--------------------------|
| Pre-Vaccination | 4.5% (7/154) | 33.6% (81/241) |
| Day 56, 4 Weeks after Dose 2 | 99.3% (147/148) | 100.0% (237/237) |
| Month 7, 6 Months after Dose 2 | 88.2% (134/152) | 94.5% (224/237) |



Pediatric Trial in Endemic Region: Seroconversion after IXIARO

Seroconversion Rates (SCR) by Dose, Intent-to-Treat Population

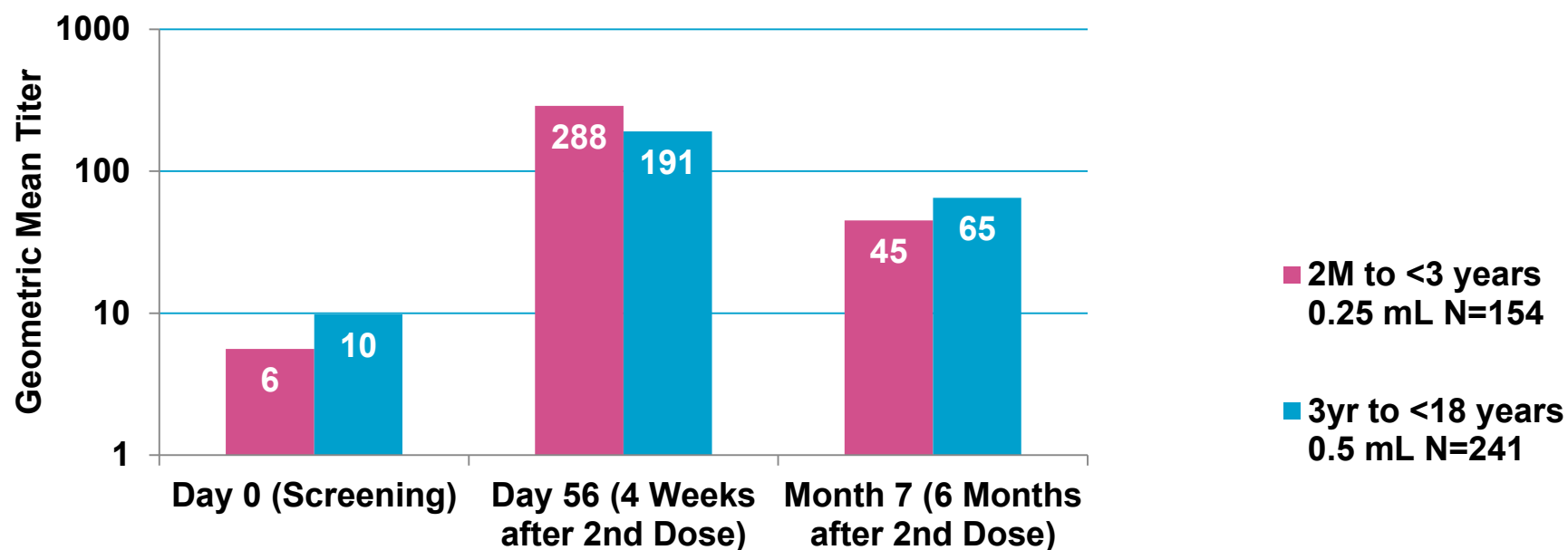
SCR: Proportion of subjects with **at least four-fold increase in PRNT₅₀ titers**

| | IXIARO 0.25 mL % (n/N) | IXIARO 0.5 mL % (n/N) |
|---------------------------------|---------------------------|--------------------------|
| Day 56, 4 Weeks after Dose 2 | 96.6% (143/148) | 84.4% (200/237) |



Pediatric Trial in Endemic Region: Neutralizing Antibodies after IXIARO

GMT for JEV Neutralizing Antibodies by Dose, Intent-To-Treat Population





Pediatric Trial in Endemic Region:

Overview of AE to Day 56

Infants 2 Months to <1 Year

Safety Profile of IXIARO is Comparable to the Control Vaccine Prevnar

| Rate of Subjects with | IXIARO 0.25 mL N = 131 | Prevnar N = 64 |
|--|---------------------------|-------------------|
| Primary Endpoint: Any SAE/Medically Attended AE | 38.2% | 42.4% |
| Any Solicited or Unsolicited AE | 84.0% | 87.5% |
| Any Medically Attended AEs | 38.2% | 42.2% |
| Any Serious AEs (SAEs) | 0 | 1.6% |



Pediatric Trial in Endemic Region:

Overview of AE to Day 56

Children Aged 1 to <18 Years

Safety profile of IXIARO is Comparable to the Control Vaccine Havrix

| Rate of Subjects with | IXIARO* N = 1,280 | HAVRIX N = 394 |
|--|----------------------|-------------------|
| Primary Endpoint: Any SAE/Medically Attended AE | 16.1% | 14.2% |
| Any Solicited or Unsolicited AE | 62.0% | 59.6% |
| Any Medically Attended AEs | 16.1% | 14.2% |
| Any Serious AEs (SAEs) | 0.5% | 1.0% |

* Combined data for 0.25 mL and 0.5 mL dose



Pediatric Trial in Endemic Region:

Overview of AE to Month 7

Infants 2 Months to <1 Year

Safety Profile of IXIARO Comparable to Prevnar

| Rate of Subjects with | IXIARO 0.25 mL N = 131 | Prevnar N = 64 |
|----------------------------------|---------------------------|-------------------|
| Any Solicited or Unsolicited AEs | 87.8% | 90.6% |
| Any Medically Attended AEs | 48.9% | 59.4% |
| Any Serious AEs (SAEs) | 1.5% | 1.6% |
| Any Deaths | 0 | 0 |



Pediatric Trial in Endemic Region:

Overview of AE to Month 7

Children Aged 1 to <18 Years

Safety Profile of IXIARO Comparable to Havrix

| Rate of Subjects with | IXIARO* N = 1,280 | HAVRIX N = 394 |
|---------------------------------|----------------------|-------------------|
| Any Solicited or Unsolicited AE | 70.2% | 66.5% |
| Any Medically Attended AEs | 26.3% | 25.6% |
| Any Serious AEs (SAEs) | 1.6% | 2.5% |
| Any Deaths | 0.1%* | 0 |

*One death, 12 year old male subject:

- › Underlying cause of death: disseminated intravascular coagulation following suspected bacterial meningitis and pneumonia
- › 4.5 months after the second dose of IXIARO
- › Case assessed as unlikely to be attributable to IXIARO by an independent Data Safety Monitoring Board

* Combined data for 0.25 mL and 0.5 mL dose



Pediatric Trial in Endemic Region:

Solicited Local Reactions

Infants <1 Year of Age

Solicited Local Reactions Within 7 Days After Vaccination

| | Dose 1 | | Dose 2 | |
|-----------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Reaction | IXIARO 0.25 mL N = 131 | Pprevnar N = 64 | IXIARO 0.25 mL N = 131 | Pprevnar N = 64 |
| Any Injection Site Reaction | 19% | 32% | 8% | 18% |
| Redness | 18% | 25% | 5% | 16% |
| Tenderness | 3% | 13% | 1% | 3% |
| Swelling | 2% | 6% | 2% | 2% |
| Hardening | 0 | 8% | 0 | 2% |



Pediatric Trial in Endemic Region:

Solicited Local Reactions

Children 1 to <18 Years of Age

Solicited Local Reactions Within 7 Days After Vaccination

| | Dose 1 | | Dose 2 | |
|-----------------------------|----------------------|-------------------|----------------------|-------------------|
| Reaction | IXIARO* N = 1,280 | Havrix N = 394 | IXIARO* N = 1,280 | Havrix N = 394 |
| Any Injection Site Reaction | 14% | 14% | 6% | Not applicable |
| Tenderness | 5% | 6% | 2% | |
| Redness | 4% | 6% | 2% | |
| Swelling | 2% | 3% | 2% | |
| Hardening | 1% | <1% | <1% | |
| Pain | 8% (62/797) | 7% (17/233) | 4% (28/794) | |
| Itching | 1% (10/811) | 0 (0/242) | <1% (1/814) | |

* Combined data for 0.25 mL and 0.5 mL dose



Pediatric Trial in Endemic Region: Solicited Systemic Reactions Infants <1 Year of Age

Solicited Systemic Reactions Within 7 Days After Vaccination

| | Dose 1 | | Dose 2 | |
|------------------------------------|---------------------------|-------------------|---------------------------|-------------------|
| Reaction | IXIARO 0.25 mL N = 131 | Prevnar N = 64 | IXIARO 0.25 mL N = 131 | Prevnar N = 64 |
| Any Solicited Systemic Reaction | 36% | 40% | 23% | 31% |
| Fever $\geq 37.7^{\circ}\text{C}$ | 24% | 25% | 15% | 23% |
| $\geq 39.4 - 40.5^{\circ}\text{C}$ | 0 | 2% | 1% | 2% |
| Irritability | 15% | 13% | 8% | 8% |
| Diarrhea | 12% | 6% | 8% | 5% |
| Rash | 8% | 10% | 4% | 5% |
| Vomiting | 8% | 6% | 4% | 2% |
| Loss of appetite | 5% | 10% | 5% | 7% |
| Excessive fatigue | 3% | 8% | 2% | 3% |



Pediatric Trial in Endemic Region:

Solicited Systemic Reactions

Children 1 to <18 Years of Age

Solicited Systemic Reactions Within 7 Days After Vaccination

| | Dose 1 | | Dose 2 | |
|---|----------------------|-------------------|----------------------|-------------------|
| Reaction | IXIARO* N = 1,280 | Havrix N = 394 | IXIARO* N = 1,280 | Havrix N = 394 |
| Any Solicited Systemic Reaction | 23% | 19% | 13% | Not applicable |
| Fever $\geq 37.7^{\circ}\text{C}$ ($\geq 99.9^{\circ}\text{F}$) | 15% | 12% | 9% | |
| $\geq 39.4 - 40.5^{\circ}\text{C}$ | 1% | 1% | 1% | |
| $> 40.5^{\circ}\text{C}$ | 0 | 0 | <1% | |
| Irritability | 4% | 4% | 1% | |
| Diarrhea | 4% | 3% | 3% | |
| Loss of appetite | 4% | 3% | 2% | |
| Vomiting | 3% | 3% | 2% | |
| Rash | 3% | 2% | 1% | |
| Excessive fatigue | 2% | 1% | 1% | |
| Headache | 4% (29/765) | 5% (10/224) | 2% (15/772) | |
| Flu-like symptoms | 3% (27/799) | 7% (16/239) | 1% (11/804) | |
| Muscle pain | 3% (19/758) | 3% (7/221) | 1% (6/764) | |
| Nausea | 2% (13/858) | 1% (2/257) | 1% (4/857) | |

* Combined data for 0.25 mL and 0.5 mL dose



Pediatric Trial in Endemic Region:

SAEs to Day 56

Infants 2 Months to <1 Year

No SAEs Occurred up to Day 56 in Children Aged <1 Year Receiving IXIARO

| Rate of Subjects with | IXIARO 0.25 mL N = 131 n (%) | <i>Interval to last IXIARO dose</i> | Prevnar N = 64 n (%) |
|-----------------------|------------------------------------|---|----------------------------|
| Subjects with any SAE | 0 | - | 1 (1.6) |
| Febrile convulsion | 0 | - | 1 (1.6) |



Pediatric Trial in Endemic Region:

SAEs to Day 56

Children Aged 1 to <18 Years

SAEs up to Day 56 Comparable for IXIARO and Havrix

| | IXIARO* N=1,280 n (%) | <i>Interval to last IXIARO dose</i> | HAVRIX N=394 n (%) |
|---|-----------------------------|---|--------------------------|
| Subjects with any SAE | 6 (0.5) | | 4 (1.0) |
| <i>Infections and infestations</i> | | | |
| Gastroenteritis | 1 (0.1) | 12 Days (1st) | 1 (0.3) |
| Bronchopneumonia | 1 (0.1) | 3 Weeks (2nd) | 0 |
| Cellulitis | 1 (0.1) | 9 Days (2nd) | 0 |
| Dengue fever | 1 (0.1) | 24 Days (1st) | 0 |
| <i>Other SAEs</i> | | | |
| Febrile convulsion | 2 (0.2) | 2 Days (2nd); 21 Days (1st) | 2 (0.5) |
| Dyspnea | 0 | - | 1 (0.3) |
| Hematoma | 1 (0.1) | 12 Days (1st) | 0 |

* Combined data for 0.25 mL and 0.5 mL dose
IXIARO Pediatric Data Presentation to ACIP



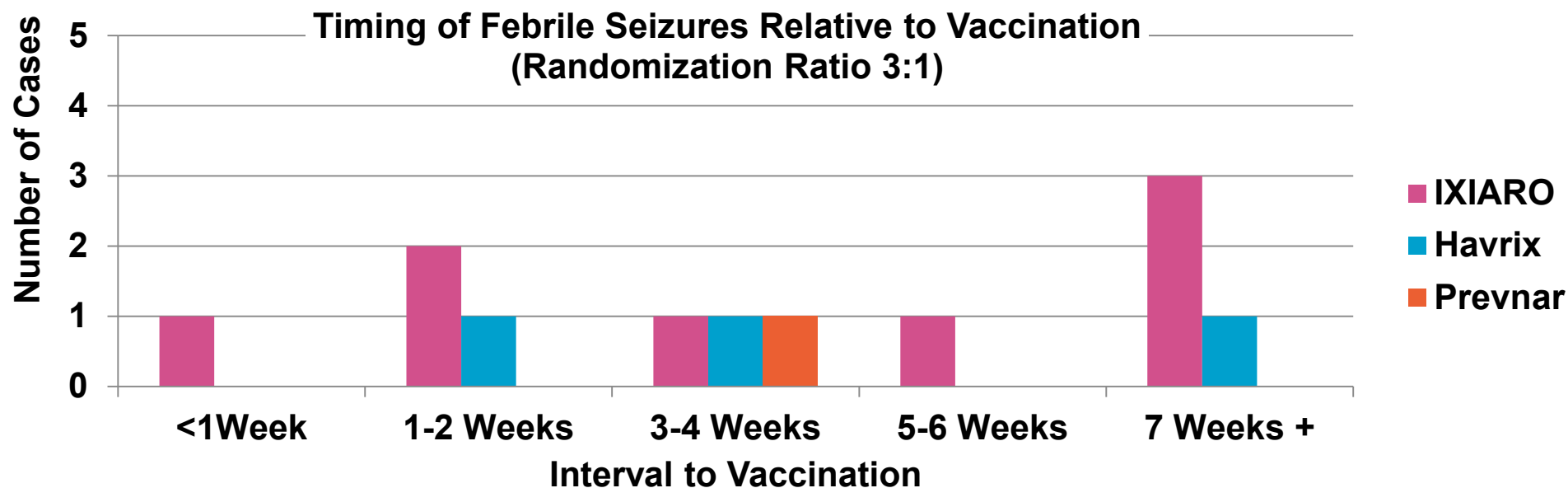
Pediatric Trial in Endemic Region:

Febrile Seizures

Children Aged 2 Months to <3 Years

Rate of Febrile Seizures Among Children <3 Years of Age

- › IXIARO: 1.0% (8 / 771 children 2 months <3 years)
- › Prevnar: 1.6% (1 / 64 children 2 months <1 year)
- › Havrix: 1.4% (3 / 213 children 1 year <3 years)





Pediatric Trial in Endemic Region:

Hypersensitivity, Urticaria and Rash within 14 Days after Vaccination

- » 9 Subjects with reactions within 14 days after IXIARO (all 0.25 mL dose)
 - » **5 of those subjects received a further dose of vaccine without any reaction**

| | IXIARO 0.25 mL N=871 n (%) | Intervals to IXIARO (dose) | 2 nd IXIARO dose given? | Reaction to 2 nd dose? | HAVRIX N=394 n (%) |
|---------------------|----------------------------------|---|---------------------------------------|--------------------------------------|--------------------------|
| Rash (unsolicited) | 3 (0.3) | 7 days (1st) 8 days (1st) 10 days (1st) | Yes Yes Yes | None None None | 1 (0.3) |
| Rash maculo-papular | 1 (0.1) | 10 days (2nd) | | | 0 |
| Rash papular | 1 (0.1) | 6 days (2nd) | | | 0 |
| Hypersensitivity | 2 (0.2) | 7 days (2nd) 11 days (1st) | Yes | None | 0 |
| Urticaria | 2 (0.2) | 5 days (1st) 13 days (1st) | Yes No | None | 0 |

Note Differences in Post-Vaccination Observation Time for IXIARO and Controls:

- › IXIARO: 2.817 14-person-days post-vaccination
- › Prevnar: 141 14-person-days post-vaccination
- › Havrix: 394 14-person-days post-vaccination



Pediatric Trial in Endemic Region: Conclusions

- » The safety profile of IXIARO[®] was comparable to the control vaccines, Prevnar[®] and Havrix[®].
- » The most commonly observed AEs were in-line with the expected AE profile in a pediatric population, and mostly were of mild nature.
- » The AE profile in the age group 12 to <18 years resembled the solicited AE profile seen in previous adults trials with IXIARO.
- » Compared to Prevnar, IXIARO appeared to cause fewer local reactions (tenderness and hardening) in the age group <1 year.
- » IXIARO was immunogenic at all age groups tested
 - › Seroprotection rate at Day 56 was 99–100%
 - › At month 7, Seroprotection Rate ranged between 85.5% and 100%
 - › Immunogenicity (GMT) in the age group 12 to <18 years was comparable to levels typically seen in adults after receiving IXIARO

Thank you.

